MEASURING INSTRUMENTS 2023

www.kps-intl.com

AN **MGL** BRAND

COMMERCIAL TERMS

Product Info

Measurements, weights, characteristics or sizes shown in this catalogue are indicative, and may be modified without prior notice.

Prices and deliveries

Sale prices will be those offered in writing quotations or those included in our current rate at the time of delivery.

Minimum order value is 1000€ FOB Spain. If total value is below that minimum, an extra charge of 50€ will be applied as administration fee. The supply of goods will be made by complete export cartons.

Shipping costs

Shipments will be based on the Incoterm conditions shown in each quotation.

Any other logistics service requested will be negotiated and quoted separately, and must be previously accepted by the client.

Shipping incidences

All shipments will be checked and verified within 48 hours after receipt. If any incident is detected, it must be communicated immediately to the carrier and to MGL customer service.

Merchandise unloading

Merchandise sent by special transports will be unloaded by the receiver.

Deliveries to third parties

In the event of deliveries requested for a different destination to the usual, MGL express consent will be required, and the customer should be responsible for the correct reception as if it was his usual address.

Good returns

Returns will be accepted only within 30 days of delivery. Any return due to causes not attributable to MGL Euman will be depreciated a minimum of 25% of the net invoiced amount, as associated costs.

Good returns will only be admitted if they have been previously justified and expressly accepted by MGL, will be negotiated and quoted separately, and must be previously accepted by the client.

Civil liability

MGL declines all responsibility due to the improper use of its products. The civil liability on our products expires one year after delivery. In case of litigation as a result of a sale, the parties will submit to the jurisdiction of the courts where the principal place of business of the manufacturer is located, waiving both parties to any other jurisdiction that may correspond. The civil liability will be governed by the Law of the State of principal place of business of the manufacturer.

Warranty

All MGL products are guaranteed by the legal period of time governing on each operation.

This warranty does not cover failures caused by improper use or handling.

Warranty can be executed at the distributor where the purchase was made by presenting the invoice and a description of the equipment failure or you could contact our Customer Service by email providing all previous information.

3 YEARS WARRANTY

Technical specifications included in this catalog may be subject to modifications without prior notice.

WHO WE ARE

We are a global group of companies operating locally. We manufacture test and measurement products for the electrical and automotive industry, from the entry level through high tech products.

We have different business units that operate independently, maximizing customer and business dedication. On the one hand, OBM products under our own brands, such as KPS, Power Probe and C-Logic. On the other, we also offering engineering / manufacturing (ODM) and adaptation / customization (OEM) services.

Our companies work globally, serving our customers worldwide. This global network delivers a deeper understanding of each individual market, with solutions tailored to the unique requirements of each customer.

With customers over 20 years old, our goal is to be a recognized, honest and fair company. We aim to be the most valued partner for our customers in the research, development, manufacture and supply of innovative, modern and customer-focused technologies.

We have a highly experienced team which is open-minded, receptive to new ideas and adaptive to evolving market trends. This solid foundation guarantees that we are well informed and fully equipped to deliver excellent solutions to meet our customers real needs.
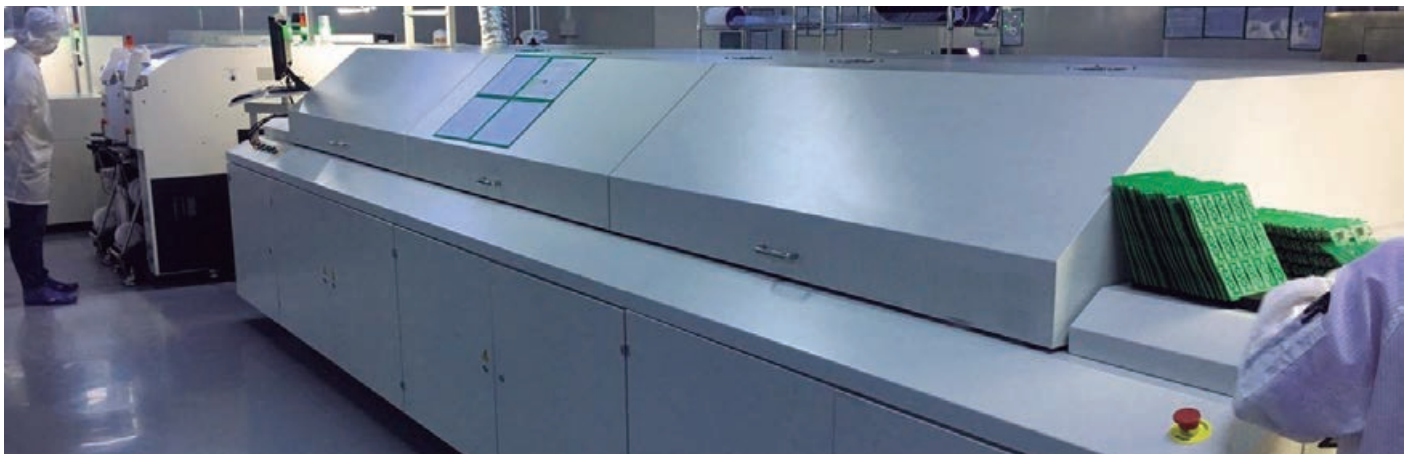
MGL AT A GLANCE

More than 800 employees

Annual production of +10 million units per year

Three factories in Taiwan, China and Europe

We manufacture more than 95% of our products, even the accessories

OUR BRANDS

We manufacture electrical test and measurement instruments under our own brands: KPS, C-Logic and Power Probe, recognized brands and market leaders in the fields of electrical measurement and automotive.

All of our products have a professional positioning based on advanced balanced technology and they are marketed through local distributors throughout the world.

We maintain direct and close contact with our distributors, through our offices around the world, and we support them in their business by offering technical advice and an after-sales service for our products.

KPS

Under KPS brand we design, manufacture and sell products and solutions for the electrical market, always with the highest levels of quality and performance.

KPS. Testing and measuring equipment

We conceive and engineer electrical measuring instruments to comply the most demanding European standards.

Our high-performance digital clamp meters, multimeters and testers are developed to cover the requirements of any electrical installation.
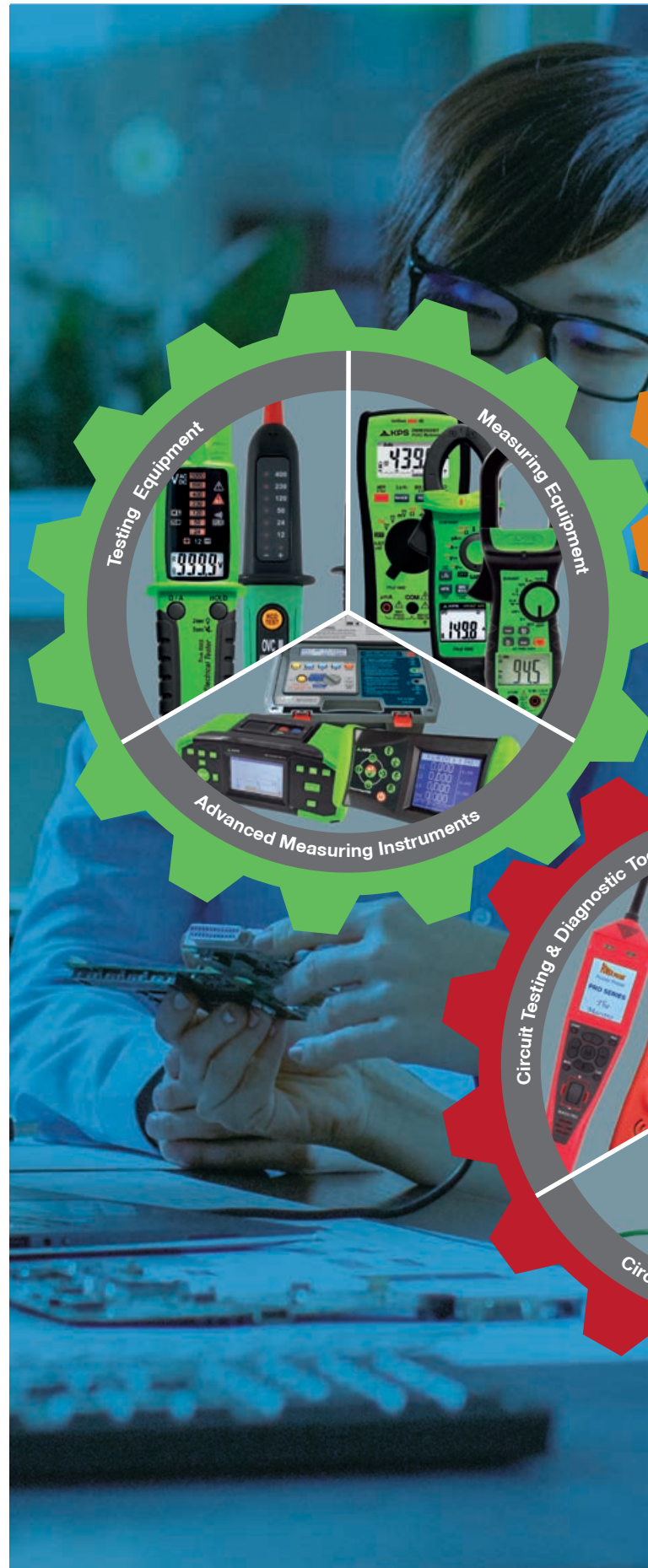
C-LOGIC®

C-Logic is the MGL brand focused on solutions for electricians and DIY users. Under this brand we develop and produce a wide range of solutions suitable for residntial, commercial and construction applications.

Our product range covers the following categories:

Measuring instruments.

Wide range of instruments from easy to use voltage testers up to advanced cable trackers which allow the users to perform electrical testing in an effective way.

Energy saving.

Light, time and temperature control products for getting an important energy saving in any kind of electrical installation.

Installation.

Our nylon, polyamide and twisted fish tapes are an efficient and time saving way to perform the electrical wiring in buildings.

POWER PROBE®

At POWER PROBE, we believe things should be simple. That's why we design tools to make complex automotive technology accessible for the modern auto technician. As automotive technology continues to evolve, Power Probe will provide innovative Technology, Energy, and Knowledge solutions for technicians and consumers alike.

Circuit Testing and Diagnostic Tools.

Tools to provide fast electrical testing and short circuit tracing. Based on the success of the past, our tools are now made simpler and easy to use.
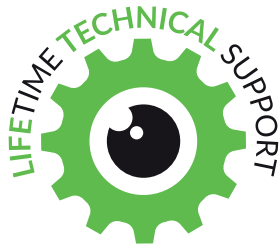
Tools & accessories.

Workplace Improvement Tools including butane torches, wireless temperature probes, IR thermometers, modular work lights, cordless and butane soldering kits.

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KPS Customer Support Center

We work to give you the best service

We maintain a direct and transparent relationship with our clients, in which the quality of the service is our priority.

LIFETIME TECHNICAL SUPPORT

3 YEARS WARRANTY

REPAIRING SERVICES

CALIBRATION SERVICES

Acess directly to our After Sales Service at:
https://aftersales.kps-intl.com/

cs.emea@mgl-intl.com
https://kps-intl.com

Acess directly to our After Sales Service at:
https://aftersales.kps-intl.com/

cs.emea@mgl-intl.com
https://kps-intl.com

Measurement Instrumentation Specialists

All KPS products are manufactured and marketed in accordance with the international standards, following strict quality control in all processes. We offer our clients services adapted to their needs:

- Equipment repair.
- Calibration services, certified according to ISO 9001: 2015
- Own laboratories are managed according to the UNE 17025 standard.

CERTIFICATION STANDARDS

Safety logo	3rd party laboratory	Applicable area
UL ETL Intertek FC	Intertek UL	North America
CE UKCA RoHS	Intertek SGS ISO 9001 TÜVRheinland TÜV SÜD BUREAU VERITAS	EU

PRODUCT INDEX

POWERCOMPACT3020

POWERCOMPACT3020 is a powerful, portable network analyzer developed for professional analysis of consumption and power quality of the most complex electrical networks. It can be used on single-phase, two-phase, three-phase (balanced and unbalanced) networks, low and medium voltage.

The advanced features and analysis software supplied makes it a suitable tool to the most demanding professional needs.

CAT III 600V · Calibration certificate included · CE · RoHS

Article	SKU	EAN
POWERCOMPACT3020	KPSPQA2030CBINT	8435394776194

VOLTAGE (TRMS)

Øphase-phase: 7-1000VAC 40-70Hz
Phase-neutral: 5-600VAC 40-70Hz
Aux: 5-1000VAC 40-70Hz, 10-1400VDC

CURRENT (TRMS)

Rango: 6-3000A
Ratio: 1-60000

POWER

Single phase and total power:
Values < 999 GW, Gvar, GVA

HARMONICS

Up to 50th order

EVENTS

Interruptions: >500mS
Dips: >500mS
Swells: >500mS

TRANSIENTS

Swells and overcurrents > 150uS
Inrush current analysis

203x116x53mm · 600gr · > 24 h

The instrument can be held indifferently through its ergonomic rubber guard, or supported thanks to its integrated removable stand or magnetic captors, both to simplify measurements in the field or near a PC.

Equipped with a large (68x68mm) and efficient LCD display, which allows the display of waveforms, graphics..etc. White pixels on a dark blue background provide a great visuality of the screen.

Elegant membrane keypad with 10 buttons with dual function provides an easy and intuitive navigation menu.
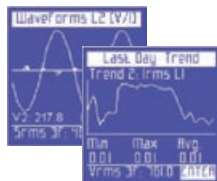
MULTIPLE INPUTS

- 3 voltage channels **U1**, **U2** and **U3**, with common neutral (**N**), and 4 independent current channels **I1**, **I2**, **I3**, **In**.

- An independent, auxiliary voltage input **(UAUX)** and an independent, auxiliary current input **(IAUX)** are also available.
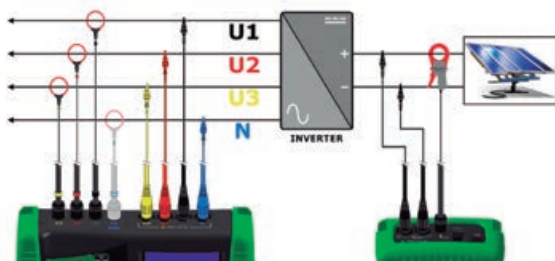
Connection diagram in a photovoltaic network

Suitable for any network:

- **3ϕ+N**
- **3ϕ**
- **2ϕ**
- **1ϕ**
- **PV systems**

* The DC current clamp and additional voltage cables are optional accessories.

COMPLETE KIT

Contents

- Voltage test leads POWERCOMPACT/VTL - 4 pcs
- Cocodrile POWERCOMPACT/AL - 4 pcs
- Rowgosky AC current clamps(ULTRAFLEX3000) - 3 pcs
- Battery pack POWERCOMPACT/BAT (4x AA NiMh 2100mAh) - 1pc
- mSD 16Gb
- External power supply +adapters POWERCOMPACT/PS - 1set
- Calibration certificate
- User manual
- Transportation case

See optional accesories and spare parts on page 10.

POWERFULL ANALISYS

- Data storage through external SMD card (16 Gb)
- Communication to PC through USB port
- Proffesional Software **POWERCOMPACT/Studio** for full análisis of parameters, events, graphs...etc

(Included on kit and available on website for downloading)
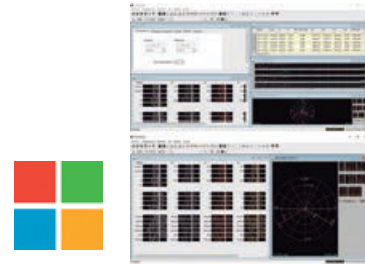
CONNECTING SYSTEM

- Single phase
- Two phase
- Three-phase, 3-wires, balanced
- Three-phase, 3-wires, unbalanced
- 3-phase, 4-wires, balanced
- 3-phase, 4-wires, unbalanced

1P   **2P+N**   **3P**

3P-N   **PV**
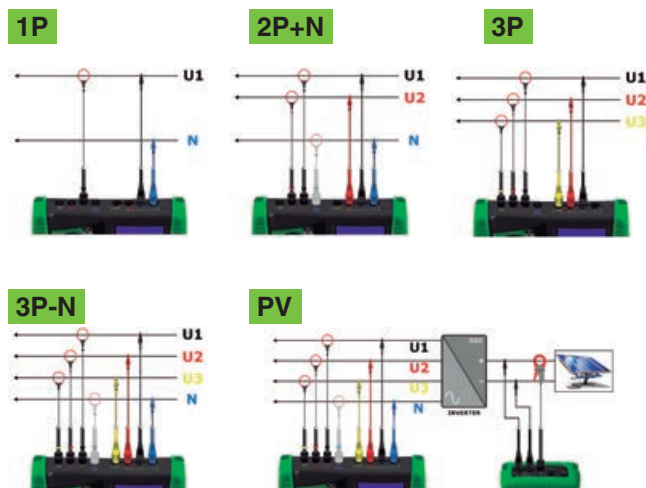
FUNCTIONALITY & PARAMETERS

- Traditional electrical análisis: V, I, P, Q, S, F, PF, THD(V)%, THD(I)%, cosφ, φ, peaks, minimums, maximums, averages, max. demands, etc.
- Neutral current
- Three phase counters: kWh, kVArh, kVAh, both absorbed that generated
- Counters for each single pase: kWh, kVArh, kVAh, both absorbed that generated
- Cogeneration
- Waveforms: V & I
- Harmonics: Values and histograms up to the 50th order
- Sags : Dips, swells & interruptions
- Transients: Overvoltages & overcurrents
- Unbalance
- Test EN 50160
- Inrush current
- DC measures
- K factor: Up to the 25th order
- Alarms: Displayed
- Alarms log: 5 at display
- Tariff bands:4
- Energy costs

POWER QUALITY ANALYZER ACCESSORIES

	POWERCOMPACT CL5A	POWERCOMPACT CL200A	POWERCOMPACT CL1000A	POWERCOMPACT CL600A	ULTRAFLEX3000
SKU	KPSPQA5ACBINT	KPSPQA200ACBINT	KPSPQA1000ACBINT	KPSPQA600ACBINT	KPSFLEX3000ACBINT
EAN	8435394776200	8435394776217	8435394776224	8435394776231	8435394776248
Current measurement range	0,01 – 5A AC	0,5 – 200A AC	0,1 – 1000A AC	0,2 – 400A AC 0,4 – 600A DC	6 – 3000A AC
Jaw capability	Max. cable Ø20 mm 1 busbar 20x5 mm	Max. cable Ø20 mm 1 busbar 20x5 mm	Max. cable Ø52 mm 1 busbar 50x5 mm 4 busbars 30x5 mm	1 cable Ø30 mm 2 cables Ø24 mm 2 busbars 31.5x10 mm	1 cable Ø150 mm

	POWERCOMPACT/VTL-R	POWERCOMPACT/VTL-B	POWERCOMPACT/VTL-Y	POWERCOMPACT/VTL-BL
SKU	KPSPQAVREDPEINT	KPSPQAVBLACKPEINT	KPSPQAVYELLPEINT	KPSPQAVBLUEPEINT
EAN	8435394776255	8435394776262	8435394776279	8435394776286
Length	1,5 m	1,5 m	1,5 m	1,5 m
Color	Red	Black	Yell	Azul
Max. current	10A	10A	10A	10A
Safety rating according to EN61010	CAT III 1000V	CAT III 1000V	CAT III 1000V	CAT III 1000V

	POWERCOMPACT/VTL-R	POWERCOMPACT/VTL-B	POWERCOMPACT/VTL-Y	POWERCOMPACT/VTL-BL
SKU	KPSPQAAREDPEINT	KPSPQAABLACKPEINT	KPSPQAAYELLPEINT	KPSPQAABLUEPEINT
EAN	8435394776293	8435394776309	8435394776316	8435394776323
Opening	45 mm	45 mm	45 mm	45 mm
Color	Red	Black	Yellow	Blue
Max. current	10A	10A	10A	10A
Safety rating according to EN61010	CAT IV 600V CAT III 1000V	CAT IV 600V CAT III 1000V	CAT IV 600V CAT III 1000V	CAT IV 600V CAT III 1000V

	POWERCOMPACT/MAGTL	POWERCOMPACT/BAT	POWERCOMPACT/PS
SKU	KPSPQAMAGPEINT	KPSPQABATPEINT	KPSPQAPOWCBINT
EAN	8435394776330	8435394776347	8435394776354
Description	4 magnetic captors set	Replacement battery	External power supply with adapters

MULTICHECK6010

MULTICHECK6010 is a a multi-function Tester for verification of electrical safety of Low Voltage Installations (domestic, commercial or industrial) according to DIN VDE 0100 and EN 61557.

All-in-one device with 3.5 TFT colour display, covering the measurements you need. Fast. Safe.

CAT III 600V   Calibration certificate included   CE   RoHS

Article	SKU	EAN 13
MULTICHECK6010	KPSMF6010CBINT	8435394776361

MAIN FEATURES

Measurement of:

- Loop resistance
- Internal network resistance
- Measurement of short circuit current
- Low resistance and continuity
- Insulation
- RCD/FI for types A, AC, B, B+, F
- RCD AUTO test
- TRMS Voltage, Rotary field and frequency
- Earth resistance

ACCESORIES INCLUDED

- 1 pc. MULTICHECK6010
- 3 pcs. Test leads each 1 m
- 1 pc. Schuko-plug test cable
- 3 pcs. Test probes
- 3 pcs. Alligator clips
- 1 pc. Instruction manual
- 6 pcs. Batteries 1.5 V / AAA, rechargable batteries
- 1 pc USB cable
- Earth Resistance
- External power supply
- Calibration certificate
- Carrying bag

OPTIONAL ACCESSORIES:

- Carrying strap
- Test probe with TEST button
- Set for earth resistance testing: 3 test leads (20m/20m/5m)and 2 earth stakes

TECHNICAL DATA

Function	Test method	Range
Insulation resistance (RISO)	Voltage: 50/100/250 V	0.000 MΩ ... 199.9 MΩ
	Voltage: 500/1000 V	0.000 MΩ ... 999 MΩ
Impedance (ZL/ZLoop)	Zline L-L, L-N, Ipsc	0.00 Ω ... 9999 Ω
	Zloop L-PE, Ipfc	0.00 Ω ... 9999 Ω
	Zloop L-PE, Ipfc, non trip	0.00 Ω ... 9999 Ω
Earth resistance (RE) (OPTIONAL)	3-wire	0.00 Ω ... 9999 Ω
	4-wire	0.00 Ω ... 9999 Ω
	Specific earth resistance	0.00 Ω ... 9999 Ω
Continuity (RLO)	Current: 7 mA (2-wire)	0.0 Ω ... 1999 Ω
	Current: 200 mA (2-wire)	0.00 Ω ... 1999 Ω
Voltage (V)	TRMS	0 ... 550 V
	Frequency	10.0 Hz ... 499.9 Hz
Phase rotation	TRMS	50 ... 550 Vac (45 Hz ... 400 Hz)
RCD	Uc	0.0 V ... 99.9 V
	t	0.0 ms ... 500.0 ms
	I (Ramp)	$0.2 \times I\Delta N$ ... $1.1 \times I\Delta N$ (AC)
		$0.2 \times I\Delta N$ ... $1.1 \times I\Delta N$ (A)
		$(I\Delta N \geq 30$ mA)
		$0.2 \times I\Delta N$ ... $2.2 \times I\Delta N$ (A)
		$(I\Delta N < 30$ mA)
		$0.2 \times I\Delta N$ ... $2.2 \times I\Delta N$ (B)
General	Power supply	Recharg. batteries (6 x 1.2V Ni-Mh/plug-in power supply)
	Over voltage category	600 V CAT III 300 V CAT IV
	Com Port	USB
	Data Storage	Internal memory

MULTIFUNCTION TESTERS ACCESSORIES

	MULTICHECK/TBP	**MULTICHECK/PLT**	**MULTICHECK/ERS**
SKU	KPSMFPROBCBINT	KPSMFPROBEUCBINT	KPSMFEARTHCBINT
EAN	8435394776378	8435394776484	8435394776385
Description	Commander with TEST button	Plug test probe	Earth resistance testing set (4 cables 20m/20m/5m/5m and 2 earth stakes)

NEW RANGE FOR PROFESSIONALS
DCM CLAMP METERS

Made in Europe

THERMAL CAMERAS

The TherCam series is comprised of fully equipped infrared temperature measurement equipment. It is high-tech and easy-to-use equipment, ideal for detecting the hot points on electrical circuits associated mainly with high electrical resistance due mainly to a poor contact surface or to a overloaded circuit. But not only it is suitable for electrical maintenance but for many other applications sucha as mechanical components, buildings, process equipment, HVAC and others.

Its simple operating interface and smart button navigation will make the first time user feel like an expert.

IR RESOLUTION
120X90

Thermal Sensitivity / NETD
60 mk

IMAGE FORMAT
IR

TEMPERATURE RANGE
-10℃ -150℃; 100℃-400℃; Autorange

BATTERY OPERATING TIME
>8 hours

TherCam 120
Thermographic camera

Article	SKU	EAN 13
TherCam120	KPSTHERCAM120CBINT	8435394778488

- Boot-up in 1 second: Boot up and display fully radiometric image instantly; Full screen max & min temperature alarm.
- 2.4 inch Large Display; 240x320 pixel Color LCD.
- Good-handle Buttons; Ergonomic design; Easy to operate even wear the gloves.
- 2-hour Quick Charge USB Type-C Interface High power quick charge
- 8-hour Battery Life; Low power consumption,; Large capacity battery.
- IR/Visible/Laser Indicator Pinpoint targets precisely.
- Rugged Design: 2-meter Drop Test, IP54 encapsulation.

Detector type	VOx/7.5~14μ m
IR Resolution	120X90
Thermal Sensitivity / NETD	60 mk
Field of view(FOV)	50°× 38°
Spatial Resolution(IFOV)	7.6 mrad
Frame Rate	25Hz/9Hz
Digital Zoom	No
Focus	N/A
Visible Camera Resolution	No
Flashlight	No
Display	TFT display
Screen size	2,4"
Image Model	IR image
Color Palettes	6
Temperature Range	-20℃~150℃; 100℃~400℃; Autorange
Accuracy	2%
Measurement Spot	center, max, min
Measurement Area	3 (incl. max & min temp)
Alarm	Max & Min
Auto Hot & Cold Spot Tracking	Yes
Storage Media	Yes
Voice record	No
Video record	No
Memory Card	TF Standard (16Gb)
USB	Yes
Laser	Yes
Tripod interface	Yes
WIFI	No
Mobile APP	No
PC IR Analysis Software	Yes
Battery Tpye	Rechargeable Li-ion
Battery Operating Time	>8 hours
Charging Time	≤2.5 hours
Operating Temperature	-10℃~50℃
Protection class	IP54
Drop test	2-meter drop test
Certification	CE/ROHS/FCC

IR RESOLUTION

256X192

Thermal Sensitivity / NETD

<50 mk

IMAGE FORMAT

IR/Visible/PiP

TEMPERATURE RANGE

-20℃ -150℃; 100℃-650℃
Auto switching

WIFI

YES

Calibration certificate included

TherCam256
Thermographic camera

Article	SKU	EAN 13
TherCam256	KPSTHERCAM256CBINT	8435394778525

- Friendly UI, easy to use without training.
- Affordable as entry level diagnostic tool.
- Removable Large capacity Li-ion battery, 4 hour working time.
- 3.5" large screen with no image cropping, high brightness screen to show image with no detailed information lost even outdoor or in highlight.
- Rugged and compact design, metal internal structure.
- Standard Micro USB interface for data transmission and charging.
- Optional Wi-Fi connection with notebook or mobile.

Detector type	VOx/7.5~14μ m
IR Resolution	256X192
Thermal Sensitivity / NETD	<50 mk
Field of view(FOV)	35°× 26°
Spatial Resolution(IFOV)	2,36 mrad
Frame Rate	25Hz/9Hz
Digital Zoom	x2,x4
Focus	N/A
Visible Camera Resolution	Yes (640× 480)
Flashlight	Yes
Display	TFT display
Screen size	3,5"
Image Model	IR/Visible/PiP images
Color Palettes	6
Temperature Range	-20℃~150℃; 100℃~650℃; Autorange
Accuracy	2%
Measurement Spot	center, max, min
Measurement Area	3 (incl. max & min temp)
Alarm	Max & Min
Auto Hot & Cold Spot Tracking	Yes
Storage Media	No
Voice record	Yes
Video record	Yes
Memory Card	TF Standard (16Gb)
USB	Yes
Laser	Yes
Tripod interface	Yes
WIFI	Yes
Mobile APP	Yes
PC IR Analysis Software	Yes
Battery Tpye	Rechargeable Li-ion
Battery Operating Time	>4 hours
Charging Time	4 hours
Operating Temperature	-15℃~50℃
Protection class	IP43
Drop test	1-meter drop test
Certification	CE/ROHS/FCC

IR RESOLUTION
384x288

Thermal Sensitivity / NETD
<50 mk

IMAGE FORMAT
45mK

TEMPERATURE RANGE
-20°C -150°C; 100°C-650°C; -650°C -1500°C; Auto switching

WIFI
YES

DISPLAY
LED touch screen

Calibration certificate included CE ROHS FC

TherCam384
Thermographic camera

Article	SKU	EAN 13
TherCam384	KPSTHERCAM384CBINT	8435394778549

- 4" high light touch screen.
- Built-in illuminator: take visible photos in the low lighting environment.
- Different image type: IR, visible, MIF, PIP
- Removable SD card: up to 32G storage capacity for photos and videos compression storage.
- Wi-Fi share: share IR images and findings immediately.

Detector type	VOx/ 8~14μm
IR Resolution	384x288
Thermal Sensitivity / NETD	45mK
Field of view(FOV)	28.4°×21.5°
Spatial Resolution(IFOV)	1,29 mrad
Frame Rate	25Hz
Digital Zoom	1.1~4
Focus	Manual
Visible Camera Resolution	Yes (5M Pixels)
Flashlight	Yes
Display	highlight LED touch screen
Screen size	4"
Image Model	IR/Visible/PiP/MIF images
Color Palettes	8
Temperature Range	-20°C~150°C; 100°C~650°C; 650°C~1500°C; Autorange
Accuracy	2%
Measurement Spot	5
Measurement Area	5
Alarm	Max & Min
Auto Hot & Cold Spot Tracking	1. Max/ Min temp spot of full screen 2. Max/ Min temp spot of analysis object
Memory Card	In camera and TF card, JPG with temp info
Voice record	Yes
Video record	Yes
Storage Media	TF Standard (16Gb)
USB	Yes
Laser	Yes
Tripod interface	Yes
WIFI	Yes
Mobile APP	Yes
PC IR Analysis Software	Yes
Battery Tpye	Rechargeable Li-ion
Battery Operating Time	>4 hours
Charging Time	4 hours
Operating Temperature	-10°C~50°C
Protection class	IP54
Drop test	Shock & vibration test
Certification	CE/ROHS/FCC

	TherCam 120	TherCam256	TherCam384
SKU	KPSTHERCAM120CBINT	KPSTHERCAM256CBINT	KPSTHERCAM384CBINT
IR sensor type	VOx/7.5~14µ m	VOx/7.5~14µ m	VOx/ 8~14µm
IR sensor resolution	120X90	256X192	384x288
NETD (Thermal Sensitivity)	60 mk	<50 mk	45mK
FOV	50°× 38°	35°× 26°	28.4°×21.5°
IFOV	7.6 mrad	2,36 mrad	1,29 mrad
Refresh rate	25Hz/9Hz	25Hz/9Hz	25Hz
Digital Zoom	No	x2,x4	1.1~4
Focus	N/A	N/A	Manual
Visible camera resolution	No	Yes(640× 480)	Yes (5MPixels)
Flash light	No	Yes	Yes
Screen type	TFT display	TFT display	Touch screen highlight LED
Screen size	2,4"	3,5"	4"
Image format	IR	IR/Visible/PiP	IR/Visible/PiP/MIF
Color palettes	6	6	8
Temperature range	−20℃−150℃; 100℃−400℃; Auto switching	−20℃−150℃; 100℃−650℃; Auto switching	−20℃−150℃; 100℃−650℃; 650℃−1500℃; Auto switching
Precision	2%	2%	2%
Temperature points	center, max, min	center, max, min	5
Temperature areas	3(incl. max & min temp)	3(incl. max & min temp)	5
Temperature alarms	Max & Min	Max & Min	Max & Min
Hot and cold spot tracking	Yes	Yes	1. points Max/ Min temp on display; 2. Max/Min points spot of object
Image storage	Yes	Yes	In camera and TF card
Voice recording	No	No	Yes
Video recording	No	Yes	Yes
Memory card	TF Standard (16Gb)	TF Standard (16Gb)	TF Standard (16Gb)
USB	Yes	Yes	Yes
Laser	Yes	Yes	Yes
Tripod interface	Yes	Yes	Yes
Wifi	No	Yes	Yes
APP	No	Yes	Yes
PC software	Yes	Yes	Yes
Battery Type	Li−ion rechargable	Li−ion rechargable	Li−ion rechargable
Battery life (continuous mode)	>8 hours	>4 hours	>4 hours
Charging time	≤2.5 hours	4 hours	4 hours
Operating temperature	−10℃~50℃	−15℃~50℃	−10℃~50℃
IP grade	IP54	IP43	IP54
Drop test	2m drop test	1m drop test	Shock and vibration tests
Certifications	CE/ROHS/FCC	CE/ROHS/FCC	CE/ROHS/FCC

EARTH RESISTANCE TESTERS

The KPS earth meters are professional instruments that allow the resistance of earthing to be checked using 2 or 3-pole methods according to the European standard EN61557-5.

In addition, these equipments allow the preliminary voltage verification of the grounding, verifying that there are no dangerous voltages for the user.

On the other hand the clamp-on KPS TLP100 is and stake-less ground tester which allows adirect measurement avoiding cable connections and saving time

VOLTAGE	RESISTANCE
0-200VAC	0,01~4,00 KΩ

KPS-TL300
Earth resistance tester

Article	SKU	EAN 13
KPS-TL300	KPSTL300CBINT	8435394747309

- Earth resistance tester.
- 4000 counts.
- 2-pole or 3-pole measurement method.
- Earth voltage measurement.
- Continuity test.
- MAX/MIN/AVG values. Relative resistance measurement.
- Data Hold.
- Auto-off disply backlight and low battery display.
- CATIII 300V according to EN 61010.

VOLTAGE	RESISTANCE
0-200VAC	0-2000Ω

KPS-TL320. Earth resistance tester

Article	SKU	EAN 13
KPS-TL320	KPSTL320CBINT	8435394747316

- Earth resistance tester
- 2000 counts.
- 2-pole or 3-pole measurement method
- Earth voltage measurement
- 0Ω adjustment.
- Data hold
- Low battery display
- CATIV 200V according to EN 61010

JAW OPENING	CURRENT	RESISTANCE
45mm x 32mm / 1.8" x 1	0-20A	0-1200Ω

KPS-TLP100. Earth resistance Clamp Meter

Article	SKU	EAN 13
KPS-TLP100	KPSTLP100CBINT	8435394774664

- Earth resistance and leakage current tester.
- 10000 counts.
- Measuring the earth resistance safely and easily by clamping the ground line
- Setting alarm threshold
- Data hold and data register
- Auto range and low battery display
- -Internal memory for recording measurements
- -Jaw dimensions:45x32mm
- CATIII 150V according to EN 61010

EARH RESISTANCE TESTERS

	KPS-TL300	**KPS-TL320**	**KPS-TLP100**
SKU	KPSTL300CBINT	KPSTL320CBINT	KPSTLP100CBINT
Voltage	200V AC	200V AC	–
Earth resistance	4.000Ω	2.000Ω	1.200Ω
Current	–	–	20A
2 Poles Method	√	√	–
3 Poles Method	√	√	–
Clamp–on method	–	–	√
Hold	√	√	√
Relative measurements	√	–	–
MAX/MIN/AVG	√	–	–
Zero Adjustement	–	√	–
Auto range	√	–	√
Jaw capability	–	–	45mm x 32mm
Auto Power–Off	√	–	√
Backlight	√	–	–
Low Battery Indicator	√	√	√
Datalogging	√	–	√
Safety rating according to EN61010	CAT III 300V	CAT IV 200V	CAT III 150V

INSULATION TESTERS

Insulation is a safety element that has the purpose of avoiding contact with live parts. Therefore, the insulation test reveals possible failures caused by contamination, humidity, deterioration of the insulation material, etc.

KPS range offers different models according to their voltages test up to 1kV, 5 kV and 10kV respectively, being the suitable equipment for insulation troubleshooting and preventative maintenance applications
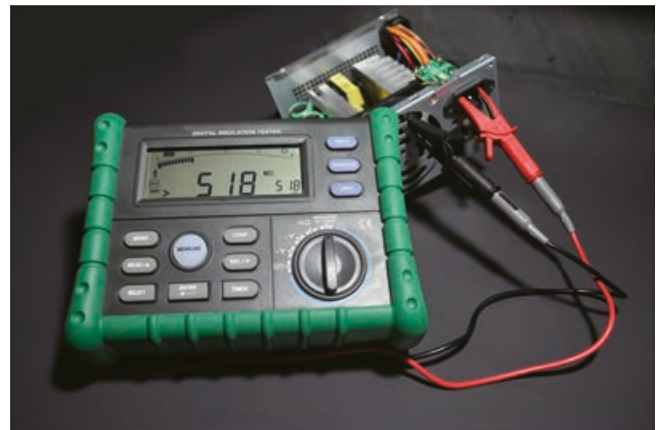
VOLTAGE	DC 1000V	RESISTANCE	CAT IV 600V	Calibration
	AC 750V	10GΩ	CAT III 1000V	certificate included

CE · RoHS · PATENTED

KPS-MA100
Insulation tester up to 1kV

Article	SKU	EAN 13
KPS-MA100	KPSMA100CBINT	8435394747323

- Rugged, compact and advanced Insulation resistance tester
- Insulation Voltage test (50V, 100V, 250V, 500V and 1000V)
- DAR/PI calculation
- Programmable timer
- MAX/MIN/AVG values. Relative measurement
- Compare function
- Data register
- DC/AV voltage and resistance measurement
- Continuity test
- Auto-off display backlight and low battery display
- CAT III 1000V, CAT IV 600V according to EN 61010

3 YEARS WARRANTY

LIFETIME TECHNICAL SUPPORT

CAT IV 600V
CAT III 1000V

ETL Intertek c us

CE

RoHS

PATENTED

RESISTANCE	VOLTAGE	LEAK CURRENTS
5TΩ	DC 1000V / AC 750V	300 mA

KPS-MA500
Insulation tester up to 5kV

Article	SKU	EAN 13
KPS-MA500	KPSMA500CBINT	8435394747330

- Insulation tester up to 5 KV with adjustable test voltage in 25V or 100V steps.
- 10000 counts.
- DAR/PI calculation
- Step voltage test
- Temperature compensation
- Compare function
- Data register and PC software for downloading the results
- DC/AV voltage measurement
- CATIII 1000V/CATIV 600V according to EN 61010

INSUTEST10000

The **INSUTEST10000** is a small and light 10 kV insulation resistance tester for the diagnostic testing and maintenance of high voltage electrical equipment, cables,generators, circuit breakers, motors…etc

CAT IV 600V · Calibration certificate included · CE · RoHS

Article	SKU	EAN 13
INSUTEST10000	KPSINSUTEST10000CBINT	8435394776408

MAIN FEATURES

- 2 Lines × 16 Characters LCD
- Microprocessor-controlled
- Tests insulation resistance up to 20 TΩ
- 4 Insulation test voltages: 1000V, 2500V, 5000V, 10000V
- AC / DC Voltmeter (30~600V)
- Auto-ranging on all insulation ranges
- Auto- discharge function
- Well isolated from contact
- Well protected from surges
- 2 built-in optical LEDs for data transfer
- Visual and audio warning of external voltage presence (≥30Vac or ≥30Vdc)
- Auto-hold function to freeze reading
- Overload protection
- Adjustable testing duration: 1~30 minutes
- Internal memory for data storage
- Displays testing duration for insulation measurement
- Auto-off function
- 200 measurement results can be saved in memory and recalled on display
- Optical USB to RS-232 data transmisión

Data Communication Function with measurement storage and PC interface

- Data can be downloaded and saved to a PC.
- Data can also be transferred to a PC for real-time display.
- 200 measurement results can be saved in the memory and recalled on the display.

RISO
Test voltages: 1kV, 2,5kV, 5kV, 10kV
Ratio: 0-20TΩ

VOLTAGE
VAC: 30~600V (50/60Hz)
VDC: 30~600V

RATIOS
PI (Polarization index)
DAR (Dielectric Absorption)

CURRENT
Current: 0.5nA ~ 0.55mA

TECHNICAL DATA

Function	Range
Test Voltage	1000V, 2500V, 5000V, 10000V
Insulation resistance	2TΩ / 1000V 5TΩ / 2500V 10TΩ / 5000V 20TΩ / 10000V
Resolution	1000MΩ: 1MΩ 10GΩ: 0.01GΩ 100GΩ: 0.1GΩ 1TΩ: 1GΩ 10TΩ: 10GΩ 20TΩ: 100GΩ
Short Circuit Current	Up to 5mA
PI (Polarization Index)	Yes
DAR (Dielectric Absorption Ratio)	Yes
Voltmeter	ACV: 30~600V (50/60Hz) DCV: 30~600V Resolution: 1V
Current measurement	0.5nA ~ 0.55mA (Depending on the insulation Resistance)
General Features	
Power source	1.5V "C" × 8 Alkaline Batteries
Dimensions	330 (L) × 260 (W) × 160 (D) mm
Weight	Approx. 4284g (battery included)
Safety standard	EN 61010-1 CAT IV 600V EN 61010-2-030 EN 61326-1
Accesories	• Instruction manual • Test leads • Data transmission cable CA-232 • Alligator clips • Batteries • Calibration certificate

INSULATION TESTERS

	KPS-MA100	KPS-MA500	INSUTEST10000
SKU	KPSMA100CBINT	KPSMA500CBINT	KPSINSUTEST10000CBINT
Voltage Test (Vdc)	50V, 100V, 250V, 500V, 1000V	250V, 500V, 1000V, 2500V, 5000V	1000V, 2500V, 5000V, 10000V
Insulation resistance	10GΩ	5TΩ	20TΩ
Voltage test:50Vdc, 100Vdc	√	–	–
Voltage test:250Vdc, 500Vdc	√	√	–
Voltage test:1000Vdc	√	√	√
Voltage test:2500Vdc, 5000Vdc	–	√	√
Voltage test:10000Vdc	–	–	√
Configurable Intermedium voltages test	–	√	–
Stepped voltages test	–	√	–
DAR/PI	√	√	√
Timer	√	√	√
Temperature compensation	–	√	–
Auto discharge	–	√	√
DC Voltage measurement	1000V	1000V	600V
AC Voltage measurement	750V	750V	600V
Leakage current measurement	–	3mA	–
Resistance measurement	200Ω	–	–
Continuity Test	√	–	–
Temperature measurement	–	70ºC	–
Relative mesurement	√	–	–
MAX/MIN	√	–	–
Auto range	√	√	√
Auto Power Off	√	√	√
Backlight	√	√	–
Low battery Indicator	√	√	√
Datalogging	√	√	√
PC communication	–	USB	USB
Safety rating according to EN61010	CAT III 1000V CAT IV 600V	CAT III 1000V CAT IV 600V	CAT IV 600V

MINI CLAMP METERS

KPS MINI is a range of small size clamps, with all the functionalities and safety required not only for domestic or commercial applications but also professional electrical works

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NEW

JAW SIZE (MAX)
Ø22mm / 0.9"

| CURRENT | DC 300A |
| | AC 300A |

CAT III 600V UKCA CE
ETL Intertek

DCM200MINI
Mini DC/AC Clamp Meter

Article	SKU	EAN 13
DCM200MINI	KPSDCM200MINICBINT	8435394787237

- Thanks to its pocket size and functionalities such as Automatic detection of AC or DC currents, Inrush current measurement or High frequency rejection mode, DCM200MINI is the right clamp for simple but reliable current measurements on both domestic/commmercial or industrial applications
- True-RMS
- 6000 count large scale LCD display wit h backlit
- 10mA Resolution
- Inrush Current Measurement
- 1.5% basic DCA/ACA accuracy
- Pocket size Current Meter
- NCV detection
- Low pass filter
- HOLD
- ZERO function
- CAT III 600V according to EN 61010

JAW SIZE
Ø28mm / 1.1"

| VOLTAGE | DC 600V |
| | AC 600V |

| CURRENT | AC 300A |

CAT III 600V CE RoHS
ETL Intertek

KPS-PA420 MINI
Mini digital Clamp Meter

Article	SKU	EAN 13
KPS-PA420 MINI	KPSPA420MINICBINT	8435394747194

- Mini digital clamp meter
- AC/DC voltage, AC current and resistance measurement
- Diode check and continuity buzzer
- Data hold
- Low battery display
- CAT III 600V according to EN 61010

KPS-PA20 MINI
Mini digital Clamp Meter

JAW SIZE	
Ø26mm / 1.0"	
VOLTAGE	DC 600V
	AC 600V
CURRENT	AC 600A

CAT III 600V · CE · RoHS

Article	SKU	EAN 13
KPS-PA20 MINI	KPSPA20MINICBINT	8435394710150

- Mini digital clamp meter
- Display: 4000 counts
- AC/DC voltage, AC current
- Resistance (40MΩ), frequency, duty cycle and capacitance (100µF) measurement
- Temperature measurement from -20ºC to +750ºC
- Autoranging
- Diode check and continuity buzzer
- Data hold
- Auto-off, display backlight and low battery display
- CAT III 600V according to EN61010

KPS-PA900 MINI
Mini digital Clamp Meter

SMART
Automatically detects what you are measuring!

JAW SIZE	
Ø26mm / 1.1"	
VOLTAGE	DC 600V
	AC 600V
CURRENT	AC 600A

CAT III 600V · CE · ETL US Intertek

Article	SKU	EAN 13
KPS-PA900 MINI	KPSPA900MINICBINT	8435394747224

- Mini digital clamp meter
- Display Counts: 6000
- Dual reading
- Auto Range
- No-contact voltage measurement.
- True RMS. Continuity: <40Ω
- Max/Min. Data A-Hold
- Auto Power Off.
- Low Bat. Display
- Display Backlight
- Worklight
- CAT III 600V according to EN 61010

KPS-PA430 MINI
Minipinza amperimétrica digital

JAW SIZE	
Ø26mm / 1.0"	
VOLTAGE	DC 600V
	AC 600V
CURRENT	DC 400A
	AC 400A

CAT III 600V · CE · RoHS · ETL US Intertek

Article	SKU	EAN 13
KPS-PA430 MINI	KPSPA430MINICBINT	8435394747651

- Mini digital clamp meter
- AC/DC voltage, AC/DC current
- Display: 4000 counts
- Resistance (40MΩ), capacitance (4000µF) and frequency (10MHz) measurement
- Continuity buzzer and diode test
- MAX/MIN values. Relative measurements
- Data hold
- Autoranging , auto-off, work light and low battery display
- CAT III 600V according to EN 61010

KPS-SL100
Line splitter

	VOLTAGE (EU/UK)
	AC 250 V
	VOLTAGE (USA)
	AC 125 V
	CURRENT
	AC 15 A

CAT II 600V · CE · RoHS

Article	KPS-SL100	KPS-SL100UK	KPS-SL100US
SKU	KPSSL100CBINT	KPSSL100 UKCBINT	KPSSL100US CBINT
EAN	8435394747484	8435394776477	8435394776446

KPS-SL100US
Input socket | Power plug

KPS-SL100
Power plug | Input socket

KPS-SL100UK
Power plug | Input socket

OPEN JAW CLAMP METERS

Through the open jaw desing, the KPS clamps PA440 and DCM1500JW allows a quick and safe current measurements with no need to clamp the cable under test, saving time during the inspection on intallations or panelboards with multiple wiring .

COMING SOON

JAW SIZE		
Ø16mm / 0.6"		
VOLTAGE	DC 1000V	
	AC 1000V	
CURRENT	AC 200A	

CAT IV 600V CAT III 1000V   CE   ETL us Intertek

DCM1500JW digital Clamp Meter with open jaw

Article	SKU	EAN 13
DCM1500JW	KPSDCM1500JWCBINT	8435394787244

- True RMS reading on AC mode
- Auto Selection on ACV, DCV, 2, ACA,
- Diode and Continuity
- 10000 count digital display with backlit
- Smart Data Hold
- 0.3% basic DCV accuracy
- Max conductor size:16mm diameter
- Backlit LCD display
- Auto Power Off
- Non Contact Voltage Detection
- CATIII 600V according to EN 61010

JAW SIZE		
Ø12mm / 0.5"		
VOLTAGE	DC 600V	
	AC 600V	
CURRENT	DC 1200uA	
	AC 200A	

CAT III 600V   CE   RoHS   ETL us Intertek

KPS-PA440 Digital Clamp Meter with open jaw

Article	SKU	EAN 13
KPS-PA440	KPSPA440CBINT	8435394747231

- Auto range. Power overload protection
- Maximum voltage between circuit and ground:1000V AC/DC
- Display: 6000 counts.
- Auto Ranging. Auto Power Off
- Non-Contact Voltage Detector. Diode test: 3.2V
- Continuity Buzzer: <50Ω
- Data Hold. Work Light
- Display Backlight
- Low Battery Display
- CATIII 600V according to EN 61010

MINICLAMPS

NEW

OPEN JAW

COMING SOON

	DCM200MINI	KPS- PA420 MINI	KPS- PA20 MINI	KPS- PA430 MINI	DCM1500JW	KPS- PA440
SKU	KPSDCM200MIN ICBINT	KPSPA420MINI CBINT	KPSPA20MINICBINT	KPSPA430MINI CBINT	KPSDCM1500JWCBINT	KPSPA440CBINT
True RMS measurements	√	−	−	−	√	−
Counts	6000	2000	4000	4000	10000	6000
Altern current, up to	300A	400A	600A	400A	200A	200A
Direct current, up to	300A	−	−	400A	−	1000µA
AC/DC low currents (uA)	−	−	−	−	−	−
Altern voltage, up to	−	600V	600V	600V	1000V	600V
Direct voltage, up to	−	600V	600V	600V	1000V	600V
Resistance, up to	−	2kΩ	40MΩ	40MΩ	10MΩ	60MΩ
Frequency, up to	−	−	10kHz	1kHz	−	60MHz
Temperature, up to	−	−	750ºC	−	−	400ºC
Continuity test	−	√	√	√	−	√
Diode test	−	√	√	√	√	√
Capacitance, up to	−	−	100µF	−	−	60mF
Non−contact voltage detection	√	−	−	−	√	√
Inrush current	√	−	−	−	−	−
Low pass filter	√	−	−	−	−	−
Power measurements (W, VA, VAR, PF)	√	−	−	−	−	−
Data Hold	√	√	√	√	√	√
Relative measurements	−	−	−	√	−	−
MAX/MIN values	−	−	−	√	−	−
Autoranging	√	−	√	√	−	√
Jaw size	24 mm	28 mm	26 mm with worklight	26 mm with worklight	16 mm	12 mm with worklight
Auto off	√	−	√	√	√	√
Backlight display	√	−	√	√	−	√
Low battery display	√	√	√	√	√	√
Conectivity	−	−	−	−	−	−
Data logging	−	−	−	−	−	−
Category according to EN61010	CAT III 600V	CAT III 600V	CAT III 600V	CAT III 600V	CAT IV 600V CAT III 1000V	CAT III 600V

INDUSTRIAL CLAMPS

Industrial applications require different specifications than domestic/commercial applications due to the electrical conditions of these types of systems.

KPS offers different models incorporating suitable features and functionalities, such as TRMS measurements and CATIV safety rating, high frequency rejection to cope with noisy signal environments or low impedance mode to eliminate the influence on the measurement of ghost voltages, all useful for safe and accurate measurements.

JAW SIZE	
Ø42mm / 1.6"	

| VOLTAGE | DC 1000V |
| | AC 750V |

| CURRENT | DC 1000A |
| | AC 1000A |

CAT IV 600V
CAT III 1000V
CE · RoHS · ETL Intertek · PATENTED

KPS-PA720
TRMS digital Clamp Meter

Article	SKU	EAN 13
KPS-PA720	KPSPA720CBINT	8435394747217

- TRMS digital clamp meter
- Display counts: 6000
- AC/DC voltage, AC/DC current, inrush current, resistance and frequency measurement
- TRMS measurement
- Diode check and continuity buzzer
- Non-contact voltage detector
- MAX/MIN values. Relative measurement
- Data hold
- Auto range, auto-off, display backlight, worklight and low battery display
- CATIII 1000V, CATIV 600V according to EN 61010

JAW SIZE	
Ø42mm / 1.7"	

| VOLTAGE | DC 1000V |
| | AC 750V |

| CURRENT | AC 1000A |

CAT III 600V
CAT II 1000V
CE · RoHS

KPS-PA10
Digital Clamp Meter

Article	SKU	EAN 13
KPS-PA10	KPSPA10CBINT	8435394710143

- Digital clamp meter
- Display counts: 2000
- DC/AC voltage, AC current and resistance (2MΩ) measurement.
- Continuity buzzer and diode test.
- Data hold.
- Display backlight.
- Low battery display.
- CATII 1.000V, CATIII 600V according to EN 61010.

JAW SIZE	
Ø40mm / 1.6"	

| VOLTAGE | DC 1000V |
| | AC 750V |

| CURRENT | AC 1000A |

CAT IV 600V
CAT III 1000V
CE · ETL Intertek · RoHS · PATENTED

KPS-PA700
TRMS digital Clamp Meter

Article	SKU	EAN 13
KPS-PA700	KPSPA700CBINT	8435394747200

- TRMS digital clamp meter
- Display counts: 6600
- AC/DC voltage, AC curren!, resistance, frequency and temperature measurement
- TRMS measurement
- Diode check and continuity buzzer
- Non-contact voltage detection
- MAX/MIN values. Relative measurement
- Data hold
- Auto range, auto-off, display backlight, worklight and low battery display
- CATIII1000 V/ CAT IV 600V according to EN 61010

THE PROFESSIONAL'S CHOICE...

KPS®

Experts in Measurement Instrumentation

- ACCURACY
- INNOVATION
- VERSATILITY
- SAFETY

NEW

JAW SIZE
Ø40mm / 1.6"
with worklight

| VOLTAGE | DC 1000V |
| | AC 750V |

| CURRENT | AC 1000A |

CAT IV 600V · CE · UKCA · Calibration certificate included · Intertek ETL

Made in Europe

DCM3000
TRMS Clamp Meter 1000AC

Article	SKU	EAN 13
KPS-DCM3000	KPSDCM3000CBINT	8435394777696

- AC/DC Voltage, AC current and resistance measurements.
- True Root Mean Square (TRMS) measurement.
- Continuity buzzer and diode test.
- Non-Contact Voltage detection.
- Autoranging.

- 6.000 counts
- Max/min functions
- Relative function
- Auto power OFF and low battery display
- CATIV 600V according to EN 61010.

NEW

JAW SIZE
Ø40mm / 1.6"
with worklight

| VOLTAGE | DC 1000V |
| | AC 750V |

| CURRENT | DC 1000A |
| | AC 1000A |

CAT IV 600V · CE · UKCA · Calibration certificate included · Intertek ETL

Made in Europe

DCM4000T
TRMS Clamp Meter 1000A ACDC with temperature

Article	SKU	EAN 13
KPS-DCM4000T	KPSDCM4000TCBINT	810053671986

- AC/DC Voltage, AC/DC current, resistanc e, frequency , capacitance and temperature measurements.
- True Root Mean Square (TRMS) measurement.
- Continuity buzzer and diode test.
- Non-Contact Voltage detection.

- Autoranging.
- 6.000 counts
- Max/min functions
- Relative function
- Auto power OFF and low battery display
- CATIV 600V according to EN 61010.

NEW

JAW SIZE
Ø40mm / 1.6"
with worklight

| VOLTAGE | DC 1000V |
| | AC 750V |

| CURRENT | AC 1000A |

CAT IV 600V · CE · UKCA · Calibration certificate included · Intertek ETL

Made in Europe

DCM3500T
TRMS Clamp Meter 1000 AC with temperature

Article	SKU	EAN 13
KPS-DCM3500T	KPSDCM3500TCBINT	8435394777702

- AC/DC Voltage, AC current, resistance , frequency , capacitance and temperature measurements.
- True Root Mean Square (TRMS) measuremen t.
- Continuity buzzer and diode test.
- Non-Contact Voltage detection.
- Autoranging.

- 6.000 counts
- Max/min functions
- Relative function
- Auto power OFF and low battery display
- CATIV 600V according to EN 61010.

NEW

KPS Link

JAW SIZE
Ø40mm / 1.6"
with worklight

| VOLTAGE | DC 1000V |
| | AC 1000V |

| CURRENT | DC 600A |
| | AC 600A |

CAT IV 600V CAT III 1000V · CE · UKCA · Intertek ETL

DCM8000BT
Industrial TRMS AC/DC Clamp Meter

Article	SKU	EAN 13
DCM8000BT	KPSDCM8000BTCBINT	8435394787268

- True Root Mean Square (TRMS) measurement
- 6000 counts
- Low impedance mode measurements
- AC /DC currents (600A)
- High Frequency rejection function
- Non Contact Voltage detection
- Inrush current measurements
- Resistance and capacitance
- MAX/MIN values, and relative measurements

- Torch
- Flexible current test, integrated with FLEX current probes expand the current range to 3000ACA, proving a direct ''Amp'' reading display, making electrical measurements easier and safer. (optional accesory , find further information on page 37)
- CATIII 1000V, CATIV 600V according to EN 61010

INDUSTRIAL CLAMPS

	KPS-PA10	KPS- PA700	KPS- PA720	DCM3000	DCM3500T	DCM4000T	DCM8000BT
SKU	KPSPA10CBINT	KPSPA700CBINT	KPSPA720CBINT	KPSDCM3000CBINT	KPSDCM3500T CBINT	KPSDCM4000T CBINT	KPSDCM8000BT CBINT
True RMS measurements	–	√	√	√	√	√	√
Counts	2000	6600	6000	6000	6000	6000	6000
Altern current, up to	1000A	1000A	1000A	1000A	1000A	1000A	600A
Direct current, up to	–	–	1000A	–	–	1000A	600A
AC/DC low currents (uA)	–	–	–	–	–	–	–
Altern voltage, up to	750V	750V	750V	750V	750V	750V	1000V
Direct voltage, up to	1000V	1000V	1000V	1000V	1000V	1000V	1000V
Resistance, up to	2kΩ	66MΩ	60MΩ	20MΩ	20MΩ	20MΩ	600kΩ
Frequency, up to	–	66MHz	10MHz	–	60kHz	60kHz	10kHz
Temperature, up to	–	1000ºC	–	–	760ºC	760ºC	–
Continuity test	√	√	√	√	√	√	√
Diode test	√	√	√	√	√	√	√
Capacitance, up to	–	66mF	100mF	–	6mF	6mF	1000μF
Non–contact voltage detection	–	√	√	√	√	√	√
Inrush current	–	–	√	–	–	–	√
Low pass filter	–	–	–	–	–	–	√
Data Hold	√	√	√	√	√	√	√
Relative measurements	–	√	√	√	√	√	√
MAX/MIN values	–	√	√	√	√	√	√
Autoranging	–	√	√	√	√	√	√
Jaw size	42 mm	40 mm with worklight	40 mm with worklight	40 mm with worklight	40 mm with worklight	40 mm with worklight	37 mm with worklight
Auto off	–	√	√	√	√	√	√
Backlight display	√	√	√	√	√	√	√
Low battery display	√	√	√	√	√	√	√
Conectivity	–	–	–	–	–	–	BT
Data logging	–	–	–	–	–	–	√
Compatibility with Flex current probe	–	–	–	–	–	–	√
Category according to EN61010	CAT II 1000V CAT III 600V	CAT III 1000V CAT IV 600V	CAT III 1000V CAT IV 600V	CAT III 1000V CAT IV 600V	CAT III 1000V CAT IV 600V	CAT III 1000V CAT IV 600V	CAT III 1000V CAT IV 600V

POWER & LEAKAGE CLAMPS

KPS DCM5000PW and DCM6000PW clamp meters provide advanced Power features, such as Power(W),Power factor, Harmonics distorsion and even Harmonics 1st to 25th with easy-to-use interface, which enables fully professional power measurement application with excellent performance.

Check the power consumption directly on your phone using the KPS link APP.

The leakage clamp meter is the perfect tool for measuring and location of AC/DC currents responsible of RCDs troubleshooting and unexpected tripping out.

JAW SIZE	Ø50mm / 2.0"
VOLTAGE	AC 600V
CURRENT	AC 1000A

CAT III 600V · CE · RoHS · ETL Intertek

KPS-PW300
Three phase power Clamp Meter

Article	SKU	EAN 13
KPS-PW300	KPSPW300CBINT	8435394774732

- Power clamp meter: active power, reactive power, apparent power, power factor and harmonic measurements.
- Display: 6000 counts.
- AC/DC voltage, AC current and frequency measurement.
- TRMS measurements.
- Dat logging: 100 groups.
- MAX/MIN values.
- Data Hold.
- Autoranging, auto-off, display backlight and low battery display.
- RS232 interface.
- CATIII 1000V according to EN 61010

NEW

▲KPS Link

JAW SIZE	Ø33mm / 1.3"
VOLTAGE	DC 1000V
	AC 1000V
CURRENT	AC 600A

CAT IV 600V CAT III 1000V · CE · UKCA · ETL Intertek

DCM5000PW
Three phase power Clamp Meter

Article	SKU	EAN 13
DCM5000PW	KPSDCM5000PWCBINT	8435394786292

- True Root Mean Square (TRMS) measurement
- 10000 counts
- Auto store
- Datalogging (9999 records)
- Inrush current
- High Frequency Rejection
- Phase rotation
- Harmonics, power, power factor measurements
- Capacitance, Frequency and resistance measurements
- Bluetooth connectivity
- Auto torch during cable clamping and active backlit that turns ON at the touch of a button or rotate the knob
- Compatible with FLEX current probe
- CATIV 600V, CATIII 1000V according to EN 61010

COMING SOON

▲KPS Link

JAW SIZE	Ø40mm / 1.6"
VOLTAGE	DC 1000V
	AC 1000V
CURRENT	DC 600A
	AC 600A

CAT IV 600V CAT III 1000V · CE · UKCA · ETL Intertek

DCM6000PW
AC/DC Power Clamp Meter

Article	SKU	EAN 13
DCM600PW	KPSDCM6000PWCBINT	8435394786308

- True Root Mean Square (TRMS) measurement
- 10000 counts
- Auto store
- Datalogging (9999 records)
- Inrush current
- HIgh Frequency Rejection
- Phase rotation
- AC+DC curent and voltage measurements
- Harmonics, power, power factor
- measurements
- Capacitance, frequency and resistance measurements
- Bluetooth connectivity
- Auto torch during cable clamping and active backlit that turns ON at the touch of a button or rotate the knob
- Compatible with FLEX current probe
- CATIV 600V, CATIII 1000V according to EN 61010
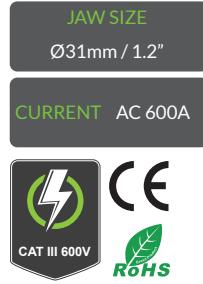
KPS-PF10
Leakage Clamp Meter

JAW SIZE
Ø31mm / 1.2"

CURRENT AC 600A

CAT III 600V · CE · RoHS

Article	SKU	EAN 13
KPS-PF10	KPSPF10CBINT	8435394710181

- Three manually selectable scales: 2mA/20mA/60A.
- Minimum resolution of 0,001mA
- Data hold
- Low battery display
- 2000 counts
- CAT.III 600V according to EN61010.

DCM300LEAK
True RMS Leakage Clamp Meter

NEW

KPS Link

JAW SIZE
Ø40mm / 1.6"

CURRENT AC 60A

CAT III 600V · CE · UKCA · ETL Intertek

Article	SKU	EAN 13
DCM300LEAK	KPSDCM300LEAKCBINT	8435394786254

- True RMS reading
- 5 ranges 6 mA, 60 mA, 600 mA, 6 A, 60 A, with a minimum resolution of 0,001mA
- 6000 counts
- Reliable measurements on circuits with harmonis or electric noise using the selectable Low Pass filter(High Frequency Rejection function)
- AC 60 Amps capability
- HOLD
- MAX/MIN values
- Torchlight
- Class 2 <30A/m, according with IE61557-13
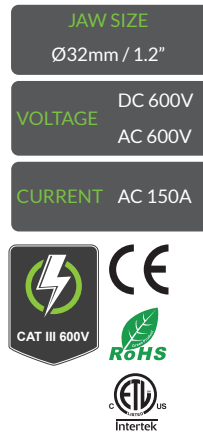
KPS-PF740
Leakage Clamp Meter

JAW SIZE
Ø32mm / 1.2"

VOLTAGE DC 600V / AC 600V

CURRENT AC 150A

CAT III 600V · CE · RoHS · ETL Intertek

Article	SKU	EAN 13
KPS-PF740	KPSPF740CBINT	8435394747248

- TRMS measurements.
- Leakage clamp meter with current scales: 4mA/40mA/400mA/4 A/ 40 A/ 150 A.
- Minimun resolution of 0,001 mA.
- 4000 counts.
- Low pass filter function.
- DC/AC current, AC current, resistance (40MΩ), capacity (40µF) and temperature (0ºC to +1000ºC).
- Diode check and continuity test.
- MAX/MIN values.
- Data hold.
- Auto range, Low battery display and AutoOFF
- CATIII 600V according to EN 61010.
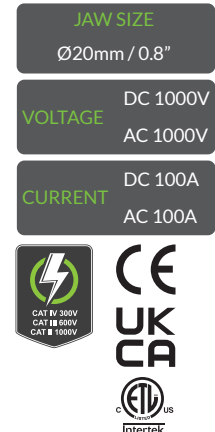
DCM400LEAK
AC/DC TRMS leakage Clamp Meter

COMING SOON

JAW SIZE
Ø20mm / 0.8"

VOLTAGE DC 1000V / AC 1000V

CURRENT DC 100A / AC 100A

CAT IV 300V CAT III 600V CAT III 1000V · CE · UKCA · ETL Intertek

Article	SKU	EAN 13
DCM400LEAK	KPSDCM400LEAKCBINT	8435394787220

- True RMS measurements
- 6000 counts
- Resistance measurement
- AC/DC 100 Amps capability
- High Frequency Rejection
- HOLD
- MAX/MIN values
- Non COntact Volatge Detection
- ZERO function
- Torch
- DC/AC 1mA resolution
- Smart Data Hold
- Flexible current test, integrated with FLEX current probes expand the current range to 3000ACA, proving a direct ''Amp'' reading display, making electrical measurements easier and safer.(optional accesory , find further information on pages 36-37)
- CATII 1000V, CATIII 600V, CATIV 300V according to EN 61010.

POWER CLAMPS

LEAKAGE CURRENT CLAMPS

	KPS-PW300	DCM5000PW (NEW)	DCM6000PW (NEW)	KPS-PF10	KPS-PF740	DCM300LEAK (NEW)	DCM400LEAK (COMING SOON)
SKU	KPSPW300CBINT	KPSDCM5000PW CBINT	KPSDCM6000PW CBINT	KPSPF10CBINT	KPSPF740CBINT	KPSDCM300LEAK CBINT	KPSDCM400LEAK CBINT
True RMS measurements	√	√	√	–	√	√	√
Counts	6000	10000	10000	2000	4000	6000	6000
Altern current, up to	1000A	600A	600A	60A	150A	60A	100A
Direct current, up to	–	–	600A	–	–	–	100A
AC/DC low currents (uA)							
Altern voltage, up to	600V	1000V	1000V	–	600V	–	1000V
Direct voltage, up to	–	1000V	1000V	–	600V	–	1000V
Resistance, up to	–	100kΩ	100kΩ	40MΩ	40MΩ	–	40MΩ
Frequency, up to	1kHz	10kHz	10kHz	–	–	–	50kHz
Temperature, up to	–	–	–	–	1000ºC	–	–
Continuity test	√	√	√	–	√	–	√
Diode test	√	√	√	–	√	–	√
Capacitance, up to	–	4mF	4mF	–	40mF	–	–
Non–contact voltage detection	–	–	√	–	–	–	√
Inrush current	–	√	√	–	–	–	–
Low pass filter	–	√	√	√	√	√	√
Power measurements (W, VA, VAR, PF)	√	W, PF	W, PF	–	–	–	–
Harmonic measurements	√	√	√	–	–	–	–
Data Hold	√	√	√	√	√	√	√
Relative measurements	–	√	–	–	–	–	–
MAX/MIN values	–	√	√	–	√	√	√
Autoranging	√	√	√	–	√	√	√
Jaw size	50 mm	33 mm with worklight	33 mm	31 mm	30 mm	40 mm with worklight	21 mm
Auto off	√	√	√	√	√	√	√
Backlight display	√	√	√	–	–	√	√
Low battery display	√	√	√	√	√	√	√
Conectivity	RS232	BT	BT	–	–	BT	–
Data logging	√	√	√	–	–	–	–
Flex. probe compatibility	–	√	√	–	–	–	√
Category according to EN61010	CAT III 600V	CAT III 1000V CAT IV 600V	CAT III 1000V CAT IV 600V	CAT III 600V	CAT III 600V	CAT III 600V	CAT II 1000V CAT III 600V CAT IV 300V

HVAC & PV CLAMPS

Specific functionalities such as Temperature measurement throught type K thermocouple, or DC microamps, capacitance or inrush current measurements make the model DCM7000BT the right tool for troubleshoot and maintain HVAC equipment

The models DCM8500PV and DCM8700PV are specially suitable for all PV installations sizes thanks to the large capability for DC Voltage measurements (up to 2000Vdc)

Moreover, its PV Voltage mode reinforces the safety for the user during the measurement thanks to the special PV test leads.

NEW

JAW SIZE	
Ø37mm / 1.5"	
VOLTAGE	DC 1000V
	AC 1000V
CURRENT	AC 600A

CAT IV 600V
CAT III 1000V

CE UKCA ETL Intertek

DCM7000BT
HVAC AC Clamp Meter

Article	SKU	EAN 13
DCM7000BT	KPSDCM7000BTCBINT	8435394784687

- True Root Mean Square (TRMS) measurement
- 6000 counts
- Low impedance mode measurements
- Low-pass filter (HFR mode)
- Low current measurements (4000uAmps)
- Non Contact Voltage detection
- AC current (600A)
- Inrush current measurements
- Resistance, capacitance, and Temperature measurements
- MAX/MIN values, and relative measurements
- Torch
- CATIV 600V, CATIII 1000V according to EN 61010

NEW

JAW SIZE	
Ø37mm / 1.5"	
VOLTAGE	DC 2000V
	AC 1500V
CURRENT	DC 600A
	AC 600A

CAT IV 600V
CAT III 1000V

CE UKCA ETL Intertek

DCM8500PV
Solar Clamp Meter

Article	SKU	EAN 13
DCM8500PV	KPSDCM8500PVCBINT	8435394784694

- True Root Mean Square (TRMS) measurement
- 6000 counts
- Non contact Voltage
- Datalogging (4000 records)
- Low-pass filter (HFR mode)
- Low current measurements (4000uAmps)
- Inrush current
- Resistance, capacitance and Temperature measurements
- MAX/MIN/REL
- Torch
- Bluetooth connectivity
- CATIV 600V, CATIII 1000V according to EN 61010

NEW

JAW SIZE	
Ø37mm / 1.5"	
VOLTAGE	DC 2000V
	AC 1500V
CURRENT	DC 600A
	AC 600A

CAT IV 600V
CAT III 1000V

CE UKCA ETL Intertek

DCM8700PV
Solar Clamp Meter

Article	SKU	EAN 13
DCM8700PV	KPSDCM8700PVCBINT	8435394787213

- True Root Mean Square (TRMS) measurement
- 6000 counts
- Non contact Voltage
- Datalogging (4000 records)
- Low-pass filter (HFR mode)
- Low current measurements (4000uAmps)
- Inrush current
- Resistance, capacitance and Temperature measurements
- MAX/MIN/REL
- Torch
- Bluetooth connectivity
- CATIV 600V, CATIII 1000V according to EN 61010

HVAC

PV CLAMPS

NEW

NEW

NEW

	DCM7000BT	DCM8500PV	DCM8700PV
SKU	KPSDCM7000BTCBINT	KPSDCM8500PVCBINT	KPSDCM8500PVCBINT
True RMS measurements	√	√	√
Counts	6000	6000	6000
Altern current, up to	600A	600A	1500A
Direct current, up to	–	600A	1500A
AC/DC low currents (uA)	4000μA	4000μA	4000μA
Altern voltage, up to	1000V	1500V	1500V
Direct voltage, up to	1000V	2000V	2000V
Resistance, up to	600kΩ	600kΩ	600kΩ
Frequency, up to	10kHz	10kHz	10kHz
Temperature, up to	400ºC	400ºC	400ºC
Continuity test	√	√	√
Diode test	√	√	√
Capacitance, up to	1000μF	1000μF	1000μF
Non–contact voltage detection	√	√	√
Inrush current	√	√	√
Low pass filter	√	√	√
Data Hold	√	√	√
Relative measurements	√	√	√
MAX/MIN values	√	√	√
Autoranging	√	√	√
Jaw size	37 mm with worklight	37 mm with worklight	42 mm with worklight
Auto off	√	√	√
Backlight display	√	√	√
Low battery display	√	√	√
Conectivity	BT	BT	BT
Data logging	√	√	√
Flex. probe compatibility	–	√	√
Category according to EN61010	CAT III 1000V CAT IV 600V	CAT III 1000V CAT IV 600V	CAT III 1000V CAT IV 600V

FLEXIBLE CURRENT PROBE METERS

The flexible jaw of KPS FLEX current clamp meters allows the user to get into tight spaces and makes wire access easier or to measure around bus bars or big sized conductors getting at the same time a larger range of measurement (up to 3000AC A)

Moreover using the FLEX current probes DCM3010FLEX and DCM3018FLEX the current range of the measuring instrument can be expanded to 3000ACA, proving a direct ''Amp'' reading display, making electrical measurements easier and safer

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NEW

CURRENT	AC 3000A

CE
CAT IV 600V CAT III 1000V
UKCA
ETL Intertek

DCM4010FLEX
Flexible Current Probe Meter

Article	SKU	EAN 13
DCM4010FLEX	KPSDCM4010FLEXCBINT	8435394784700

- True RMS readings
- AC 3000A Capability with 10 inch (25cm) head cable length
- 3000 count large scale LCD display with backlit
- Data Hold
- Auto Ranging
- Low Battery Indicator
- CATIV 600V, CATIII 1000V according to EN 61010

NEW

KPS Link

VOLTAGE	DC 1000V
	AC 1000V

CURRENT	AC 3000A

CE
CAT IV 600V CAT III 1000V
UKCA
ETL Intertek

DCM4018FLEX
TRMS Flexible Current Probe Meter

Article	SKU	EAN 13
DCM4018FLEX	KPSDCM4018FLEXCBINT	8435394787275

- True RMS reading on ACA/ACV
- 10,000 counts LCD dual digital backlight display
- Fully automatic measuring on AC current, AC/DC voltage, Resistance and Frequency
- AC 3000A Capability with 18 inch (45cm) head cable length
- Current AC3000A
- Bluetooth connectivity
- CATIV 600V, CATIII 1000V according to EN 61010

NEW

DCM3010FLEX
Flexible Current Probe Meter

Article	SKU	EAN 13
DCM3010FLEX	KPSDCM3010FLEXCBINT	8435394786391

- AC 3000A Capability with 10 inch (25cm) head cable length
- Slide switch to change range Voltage output to universal voltage meters
- 7.5mm coil diameter for tight space measurement
- 2-meter extension cable Low Batt.
- LED indicator Ergonomically designed one-hand operation
- CATIV 600V, CATIII 1000V according to EN 61010

NEW

DCM3018FLEX
TRMS Flexible Current Probe Meter

Article	SKU	EAN 13
DCM4018FLEX	KPSDCM4018FLEXCBINT	8435394787275

- AC 3000A Capability with 10 inch (25cm) head cable length
- Slide switch to change range Voltage output to universal voltage meters
- 7.5mm coil diameter for tight space measurement
- 2-meter extension cable Low Batt.
- LED indicator Ergonomically designed one-hand operation
- CATIV 600V, CATIII 1000V according to EN 61010

FLEXIBLE CURRENT PROBE METERS

	DCM3010FLEX	DCM3018FLEX	DCM4010FLEX	DCM4018FLEX
SKU	KPSDCM3010FLEXCBINT	KPSDCM3018FLEXCBINT	KPSDCM4010FLEXCBINT	KPSDCM4018FLEXCBINT
TRMS	–	–	√	√
Counts	–	–	3000	10000
AC Current	3000A	3000A	3000A	3000A
AC Voltage	–	–	–	1000V
DC Voltage	–	–	–	1000V
Resistance	–	–	–	10kΩ
Frecuencia Response	–	–	–	10kHz
Data Hold	√	√	√	√
Backlight	–	–	√	√
Autoranging	–	–	√	√
Jaw size	10 cm	15 cm	10 cm	15 cm
Low battery display	√	√	√	√
Auto Power Off	√	√	√	√
Connectivity	–	–	–	BT
Category according to EN61010	CAT III 1000V CAT IV 600V	CAT III 1000V CAT IV 600V	CAT III 1000V CAT IV 600V	CAT III 1000V CAT IV 600V

POCKET MULTIMETERS

The pocket multimeter is mainly used as a tool for a first electrical diagnosis of our installation. Easy to handle, light and comfortable to carry in your pocket.

On the other hand using the Manual ranging multimeters the user will have to use the rotary switch to choose the desire scale and parameter.

| VOLTAGE | DC 600V |
| | AC 600V |

| CURRENT | DC 200mA |
| | AC 400mA |

CAT III 600V CE UKCA ETL Intertek

KPS-MT460
Pen-Type Digital Multimeter with NCV

Article	SKU	EAN 13
KPS-MT460	KPSMT460CBINT	8435394747170

- Pen-Type Digital Multimeter.
- 2000 counts.
- DC/AC voltage, DC/AC current and resistance (20MΩ) measurement.
- Non-contact voltage detector
- Diode test. Continuity Buzzer
- Logic level test.
- Maximun values.
- Data hold.
- Auto range, auto-off and low battery display
- CATIII 600V according to EN 61010.

| VOLTAGE | DC 600V |
| | AC 600V |

| CURRENT | DC 400mA |
| | AC 400mA |

CAT III 300V CAT II 600V CE UKCA ETL Intertek

KPS-MT10
Pocket size digital multimeter

Article	SKU	EAN 13
KPS-MT10	KPSMT10CBINT	8435394710235

- Pocket size digital multimeter.
- Display: 4000 counts
- Diode check and continuity buzzer
- DC/AC voltage, DC/AC current, resistance (40MΩ), capacitance (100μF) and frequency (100kHz) measurement.
- Data hold.
- Auto range, auto-off and lo w battery display.
- CATIII 300V / CATII 600V according to EN 61010.

KPS-MT70
Pocket size digital multimeter

Article	SKU	EAN 13
KPS-MT70	KPSMT70CBINT	8435394774671

- Pocket size digital multimeter.
- Display: 6000 counts.
- DC/AC voltage, DC/AC current, resistance, capacitance and frequency measurement.
- Diode check and continuity buzzer.
- TRMS measurements.
- Non-contact voltage detection (NCV)
- Battery tester.
- Data hold.
- Auto range, auto-off, display backlight and low battery display.
- CATIII 600V according to EN 61010.

VOLTAGE	DC 600V
	AC 600V
CURRENT	DC 10A

CAT III 600V | CE | RoHS | ETL Intertek

KPS-MT420
Digital multimeter

Article	SKU	EAN 13
KPS-MT420	KPSMT420CBINT	8435394747095

- Digital multimeter.
- Display: 2000 counts.
- DC/AC voltage, DC/AC current, resistance (20MΩ) and temperature (-20ºC to 1000ºC) measurement.
- Battery tester (1,5V/9V/12V).
- Diode check and continuity buzzer.
- Data hold.
- Auto-off, display and low battery display
- CATIII 600V according to EN 61010.

VOLTAGE	DC 600V
	AC 600V
CURRENT	DC 10A
	AC 10A

CAT III 600V | CE | RoHS | ETL Intertek

KPS-MT30
Digital multimeter

Article	SKU	EAN 13
KPS-MT30	KPSMT30CBINT	8435394710228

- Digital multimeter.
- Display: 2000 counts
- DC/AC voltage, DC/AC current and resistance (2MΩ) measurement.
- Diode check and continuity buzzer
- Data hold.
- Low battery display
- CATIII 600V according to EN 61010.

VOLTAGE	DC 600V
	AC 600V
CURRENT	DC 10A

CAT III 600V | CE | RoHS | ETL Intertek | PATENTED

KPS-MT425
Digital multimeter

Article	SKU	EAN 13
KPS-MT425	KPSMT425CBINT	8435394774688

- 20A digital multimeter.
- Display: 2000 counts.
- DC/AC voltage, DC/AC current, resistance and temperature measurement.
- Diode check and continuity buzzer
- Battery tester.
- Data hold.
- Auto-off and low battery display.
- CATII 1000V / CATIII 600V according to EN 61010

VOLTAGE	DC 1000V
	AC 750V
CURRENT	DC 20A
	AC 20A

CAT III 600V CAT II 1000V | RoHS

POCKET SIZE

MANUAL RANGE

	KPS-MT460	KPS-MT10	KPS-MT70	KPS-MT30	KPS-MT420	KPS-MT425
SKU	KPSMT460CBINT	KPSMT10CBINT	KPSMT70CBINT	KPSMT30CBINT	KPSMT420CBINT	KPSMT425CBINT
True RMS measurement	–	–	√	–	–	–
Counts	2000	2000	6000	2000	2000	2000
Altern voltage, up to	600V	600V	600V	600V	600V	750V
Direct voltage, up to	600V	600V	600V	600V	600V	1000V
Altern current, up to	200mA	400mA	600mA	–	10A	20A
Direct current, up to	200mA	400mA	600mA	10A	10A	20A
Resistance, up to	20MΩ	40MΩ	60MΩ	2MΩ	20MΩ	20MΩ
Frequency, up to	–	100kHz	10kHz	–	–	–
Temperature, up to	–	–	–	–	1000ºC	1000ºC
Capacitance, up to	–	100µF	600µF	–	–	–
Continuity buzzer	√	√	√	√	√	√
Transistors test	–	–	–	–	–	–
Diode test	√	√	√	√	√	√
Battery test	–	–	√	–	√	√
DWELL & TACH tests	–	–	–	–	–	–
Network cable check	–	–	–	–	–	–
Phone and tone check	–	–	–	–	–	–
Environmental measurements (RH, temperature, Sound, Luminosity)	–	–	–	–	–	–
Insulation measurement	–	–	–	–	–	–
Non–contact voltage detection	√	–	√	–	–	–
Low input impedance measurements	–	–	–	–	–	–
Data hold	√	√	√	√	√	√
Relative measurements	–	–	–	–	–	–
MAX/MIN values	MAX	–	–	–	–	–
Autoranging	√	√	√	–	–	–
Auto off	√	√	√	–	√	√
Backlight display	–	–	√	–	–	–
Low battery display	√	√	√	√	√	√
PC connectivity	–	–	–	–	–	–
Data logging	–	–	–	–	–	–
Category according to EN61010	CATIII 600V	CATII 600V CATIII 300V	CATIII 600V	CATIII 600V	CATIII 600V	CATII 1000V CATIII 600V

AUTOMATIC RANGE

The main advantage of using AUTO ranging multimeters is the simplicity. It is much easier for an average user to use auto ranging than the manual alternative.

Moreover All multimeters with this feature are capable of providing more accurate data considering the fact they will automatically adjust and choose the correct type of measurement and scale

Moreover using the SMART funtionality when you are measuring resistance, voltage or anything else, the multimeter will automatically detect what you try to measure and show you the correct value. As a user, you don't have to adjust anything and the entire process will be completed automatically.

	VOLTAGE	DC 600V
		AC 600V
	CURRENT	DC 10A
		AC 10A

KPS-MT440
Digital multimeter

Article	SKU	EAN 13
KPS-MT440	KPSMT440600VCBINT	8435394747101

- Digital multimeter.
- Display: 4000 counts.
- DC/AC voltage, DC/AC current, resistance (40MΩ), capacitance (100µF), frequency (5MHz), duty cycle and temperature measurement.
- Non-contact voltage detection (NCV).
- Diode check and continuity buzzer.
- Relative measurements.
- Data hold.
- Auto range, auto-off, display backlight and low battery display.
- CATIV 600V according to EN 61010.

	VOLTAGE	DC 600V
		AC 600V
	CURRENT	DC 10A
		AC 10A

KPS-MT470
Digital automotive multimeter

Article	SKU	EAN 13
KPS-MT470	KPSMT470600VCBBINT	8435394774695

- Digital multimeter with engine analyzer.
- Display: 2000 counts.
- DC/AC voltage, DC/AC current and resistance measurement.
- DWELL and TACH tests.
- Diode check and continuity buzzer.
- MAX values.
- Data hold.
- Auto range, auto-off, display backlight and low battery display.
- CATIII 600V according to EN61010.

KPS-MT490
Digital environmental multimeter

Article	SKU	EAN 13
KPS-MT490	KPSMT490CBINT	8435394774718

- Digital multimeter with environmental measurements: temperature, relative humidity, sound level and luminosity.
- Display: 4000 counts.
- DC/AC voltage, DC/AC current, resistance, capacitance and frequency measurement.

- Diode check and continuity buzzer.
- °C/°F selection.
- Data hold.
- Auto range, auto-off, display backlight and low battery display.
- CATIII 600V according to EN61010.

VOLTAGE DC 600V / AC 600V
CURRENT DC 10A

CAT III 600V · CE · ETL Intertek · RoHS

KPS-MT900
SMART Digital multimeter

SMART — *Automatically detects what you are measuring!*

Article	SKU	EAN 13
KPS-MT900	KPSMT900CBINT	8435394747156

- Digital multimeter SMART.
- Display: 6000 counts.
- DC/AC voltage, resistance (10MΩ), duty cycle and frequency (3MHz) measurement.
- SMART function, detecting automatically the measured parameter.

- Continuity buzzer.
- Non-contact voltage detection (NCV).
- MAX/MIN values.
- Data hold.
- Auto range, auto-off, display backlight and low battery display.
- CATIII 600V according to EN 61010.

VOLTAGE DC 600V / AC 600V

CAT III 600V · CE · ETL Intertek

KPS-MT50
Digital multimeter

Article	SKU	EAN 13
KPS-MT50	KPSMT50600VCBBINT	8435394710204

- Digital multimeter.
- Display: 4000 counts.
- DC/AC voltage, DC/AC current, resistance (40MΩ), capacitance (4000µF), frequency (10MHz), duty cycle and temperature (-20°C to 1000°C) measurement
- Non-contact voltage detection (NCV).

- Continuity buzzer and diode and transistor test.
- MAX/MIN values. Relative measurements.
- Data hold.
- Auto range, auto-off, display backlight and low battery display.
- CATIII 600V according to EN 61010.

VOLTAGE DC 600V / AC 600V
CURRENT DC 10A / AC 10A

CAT III 600V · CE · ETL Intertek · RoHS

KPS-MT480
Digital multimeter with LAN tester

Article	SKU	EAN 13
KPS-MT480	KPSMT480CBBINTFRTT	8435394774701

- Digital multimeter with LAN and phone cable tester.
- Display: 2000 counts.
- DC/AC voltage, DC/AC current and resistance measurement.
- Diode check and continuity buzzer.
- Non-contact voltage detection (NCV).

- MAX values.
- Data hold.
- Auto range, auto-off, display backlight and low battery display.
- CATIII 600V according to EN61010.

VOLTAGE DC 600V / AC 600V
CURRENT DC 10A / AC 10A

CAT III 600V · CE · ETL Intertek · RoHS

AUTOMATIC RANGE

	KPS-MT440	KPS-MT50	KPS-M470	KPS-MT480	KPS-MT490	KPS-MT900
SKU	KPSMT440600V CBINT	KPSMT50600V CBBINT	KPSMT470600V CBBINT	KPSMT480 CBBINTFRTT	KPSMT490CBINT	KPSMT900CBINT
True RMS measurement	–	–	–	–	–	–
Counts	4000	4000	2000	2000	4000	6000
Altern voltage, up to	600V	600V	600V	600V	600V	600V
Direct voltage, up to	600V	600V	600V	600V	600V	600V
Altern current, up to	10A	10A	10A	10A	10A	–
Direct current, up to	10A	10A	10A	10A	10A	–
Resistance, up to	40MΩ	40MΩ	20MΩ	20MΩ	40MΩ	10MΩ
Frequency, up to	5MHz	10MHz	–	–	200kHz	3kHz
Temperature, up to	–	1000ºC	–	–	1000ºC	–
Capacitance, up to	100µF	4000µF	–	–	100µF	–
Continuity buzzer	√	√	√	√	√	√
Transistors test	–	√	–	–	–	–
Diode test	√	√	√	√	√	–
Battery test	–	–	–	–	–	–
DWELL & TACH tests	–	–	√	–	–	–
Network cable check	–	–	–	√	–	–
Phone and tone check	–	–	–	√	–	–
Environmental measurements (RH, temperature, Sound, Luminosity)	–	–	–	–	√	–
Insulation measurement	–	–	–	–	–	–
Non–contact voltage detection	√	√	–	√	–	√
Low input impedance measurements	–	–	–	–	–	–
Data hold	√	√	√	√	√	√
Relative measurements	√	√	–	–	–	–
MAX/MIN values	–	√	MAX	MAX	–	√
Autoranging	√	√	√	√	√	√
Auto off	√	√	√	√	√	√
Backlight display	√	√	√	√	√	√
Low battery display	√	√	√	√	√	√
PC connectivity	–	–	–	–	–	–
Data logging	–	–	–	–	–	–
Category according to EN61010	CATIV 600V	CATIII 600V	CATIII 600V	CATIII 600V	CATIII 600V	CATIII 600V

INDUSTRIAL TRMS MULTIMETERS

Multimeters for use in industrial applications have safety features (CATIV), accuracy and functionalities designed to measure standard and non-standard electrical signals, such as TRMS measurement, functions such as high frequency rejection (HFR) to filter electrical noise or low impedance mode (LoZ) to eliminate the effect of ghost voltages.

KPS-MT920
TRMS digital multimeter with communication via app

VOLTAGE	DC 600V
	AC 600V
CURRENT	DC 10A
	AC 10A

CAT III 600V

Article	SKU	EAN 13
KPS-MT920	KPSMT920CBINT	8435394747132

- TRMS digital multimeter with communication via app.
- Display: 4000 counts.
- DC/AC voltage, DC/AC current, resistance (40MΩ), capacitance (100µF), duty cycle and frequency (10MHz) measurement.
- True RMS measurements(TRMS).
- Non-contact voltage detection (NCV).
- Continuity buzzer, diode and transistors check
- Relative measurements.
- Data hold.
- Auto range, auto-off, display backlight and low battery display.
- Wireless connection with app.
- CATIII 600V according to EN 61010.

KPS-MT940
TRMS digital multimeter with communication via app

VOLTAGE	DC 600V
	AC 600V
CURRENT	DC 10A
	AC 10A

CAT III 600V

Article	SKU	EAN 13
KPS-MT940	KPSMT940CBINT	8435394747149

- TRMS digital multimeter with communication via app.
- Display: 4000 counts.
- AC/DC voltage,AC/DC current, resistance (40MΩ) and temperature (-20°C to 1000°C) measurement.
- True RMS measurements(TRMS).
- Non-contact voltage detection (NCV).
- Diode check and continuity buzzer.
- Battery test (1,5V/9V).
- Data hold.
- Auto range, auto-off and low battery display.
- Wireless connection with app.
- CATIII 600V according to EN 61010.

KPS-MT700
TRMS Digital multimeter with USB conn.

Article	SKU	EAN 13
KPS-MT700	KPSMT700CBINT	8435394747118

- Digital multimeter with USB connection.
- Display: 6600 counts.
- DC/AC voltage, DC/AC current, resistance (66MΩ), capacitance (66µF), duty cycle and frequency (66MHz) measurement.
- True RMS measurements(TRMS).
- Non-contact voltage detection (NCV).

- Diode check and continuity buzzer.
- MAX/MIN values. Relative measurements.
- Data hold.
- Auto range, auto-off, display backlight and low battery display.
- PC connection via USB.
- CATIII 1000V / CATIV 600V according to EN 61010.

VOLTAGE DC 1000V / AC 1000V
CURRENT DC 10A / AC 10A
CAT IV 600V CAT III 1000V

KPS-MT740
TRMS Digital multimeter + insulation

Article	SKU	EAN 13
KPS-MT740	KPSMT740CBINT	8435394747163

- Digital multimeter with insulation measurements up to 1kV.
- Display: 6600 counts.
- DC/AC voltage, DC/AC current, resistance (66MΩ), capacitance (66µF), frequency (66kHz) and temperature (-30ºC a 1300ºC) measurement
- True RMS measurements (TRMS).
- Insulation measurements with DAR / PI: (50V, 100V, 250V, 500V y 1000V).

- Non-contact voltage detection (NCV).
- Diode check and continuity buzzer.
- MAX/MIN values. Relative measurements.
- Low Pass Filter Function (1kHz).
- Data hold and data recording.
- Auto range, auto-off, display backlight and low battery display
- CATIII 1000V according to EN 61010.

VOLTAGE DC 1000V / AC 750V
CURRENT DC 400mA / AC 400mA
CAT III 1000V

KPS-MT720
TRMS low impedance digital multimeter

Article	SKU	EAN 13
KPS-MT720	KPSMT720CBINT	8435394747125

- Digital multimeter TRMS.
- Display: 6600 counts.
- DC/AC voltage, DC/AC current, resistance (66MΩ), capacitance (66µF), temperature (0ºC a 1000ºC) and frequency (66MHz) measurement.
- True RMS measurements (TRMS).
- Non-contact voltage detection (NCV).

- Diode check and continuity buzzer.
- MAX/MIN values. Relative measurements.
- Low impedance input mode.
- Data hold.
- Auto range, auto-off, display backlight and low battery display
- CATIII 1000V / CATIV 600V according to EN 61010.

VOLTAGE DC 1000V / AC 1000V
CURRENT DC 10A / AC 10A
CAT IV 600V CAT III 1000V

DMM3000
AC/DC True RMS multimeter

NEW

Article	SKU	EAN 13
DMM3000	KPSDMM3000CBINT	8435394786421

- True RMS measurements
- 6000 counts
- 0.5% VDC accuracy
- 10A-1000V AC/DC measurements
- Resistance, Capacitance, Frequency measurements
- Low Impedance mode
- Non Contact Voltage Detection (Adjustable sensistivy)
- Hold

- Relative function
- CATIII 1000V / CATIV 600V according to EN 61010.

VOLTAGE DC 1000V / AC 1000V
CURRENT DC 10A / AC 10A
CAT IV 600V CAT III 1000V

INDUSTRIAL TRMS MULTIMETERS

	KPS-MT920	KPS-MT940	KPS-MT700	KPS-MT720	KPS-MT740	DMM3000
SKU	KPSMT920CBINT	KPSMT940CBINT	KPSMT700CBINT	KPSMT720CBINT	KPSMT740CBINT	KPSDMM3000CBINT
True RMS measurement	√	√	√	√	√	√
Counts	4000	4000	6600	6600	6600	6000
Altern voltage, up to	600V	600V	1000V	1000V	750V	10A
Direct voltage, up to	600V	600V	1000V	1000V	1000V	10A
Altern current, up to	10A	10A	10A	10A	400mA	1000V
Direct current, up to	10A	10A	10A	10A	400mA	1000V
Resistance, up to	40MΩ	40MΩ	66MΩ	66MΩ	66MΩ	40MΩ
Frequency, up to	10MHz	–	66MHz	66MHz	66kHz	100kHz
Temperature, up to	–	1000ºC	–	1000ºC	1300ºC	–
Capacitance, up to	100mF	–	66mF	66mF	66mF	10mF
Continuity buzzer	√	√	√	√	√	√
Transistors test	√	–	–	–	–	–
Diode test	√	√	√	√	√	√
Battery test	–	√	–	–	–	–
Network cable check	–	–	–	–	–	–
Phone and tone check	–	–	–	–	–	–
Environmental measure–ments (RH, temperature, Sound, Luminosity)	–	–	–	–	–	–
Insulation measurement	–	–	–	–	50–1000V	–
Non–contact voltage detection	√	√	√	√	–	–
Low input impedance measurements	–	–	–	√	–	√
Low Pass Filter	–	–	–	–	–	–
Data hold	√	√	√	√	√	√
Relative measurements	√	–	√	√	√	√
MAX/MIN values	–	–	√	√	√	√
Autoranging	√	√	√	√	√	√
Auto off	√	√	√	√	√	√
Backlight display	√	–	√	√	√	√
Low battery display	√	√	√	√	√	√
PC connectivity	BT	BT	USB	–	–	–
Data logging	–	–	–	–	√	–
Category according to EN61010	CATIII 600V	CATIII 600V	CATIII 1000V CATIV 600V	CATIII 1000V CATIV 600V	CATIII 1000V	CATIV 600V CATIII 1000V

MULTIMETERS FOR SPECIAL APLICATIONS

Among the different models of multimeters, KPS has developed some advanced models for special applications such as:

- DMM3500BT (HVAC multimeter)
- DMM4500PV (Solar Multimeter)
- DMM9000BT (High precision Multimeter)

Check the features and choose your perfect solution.

NEW

| VOLTAGE | DC 1000V |
| | AC 1000V |

| CURRENT | DC 10A |
| | AC 10A |

CAT IV 600V CAT III 1000V   CE   UKCA   ETL Intertek

DMM3500BT
HVAC digital multimeter

Article	SKU	EAN 13
DMM3500BT	KPSDMM3500BTCBINT	8435394786384

- Specific functionalities such as Temperature measurement throught type K thermocouple, or DC microamps and inrush current make the model DMM3500BT the right tool for troubleshoot and maintain HVAC equipment
- True RMS measurements
- 6000 counts
- 400mA AC/DC measurement
- Capacitance, Temperature, Frequency, Micro Ampere

- measurements ((4000uAmps)
- High Frequency rejection
- Low Impedance mode
- Non Contact Voltage Detection
- Data logging/Manual save up to 4000 records
- MIN/MAX values
- Relative function
- Bluetooth Connectivity
- CATIII 1000V / CATIV 600V according to EN 61010.

NEW

| VOLTAGE | DC 1000V |
| | AC 1000V |

| CURRENT | DC 10A |
| | AC 10A |

CAT IV 600V CAT III 1000V   CE   UKCA   ETL Intertek

DMM9000BT
High precision True RMS Logging Multimeter

Article	SKU	EAN 13
DMM9000BT	KPSDMM9000BTCBINT	8435394784731

- True RMS reading on AC and AC+DC mode
- 40,000 count digital display and 43 segment analog display
- Large white LED backlight display
- Auto Backlight, Dual display
- AC,DC and AC+DC autodetection
- 0.03% DCV accuracy
- Auto Store up to 1,000 registers
- Data Logging up to 40,000 records
- LoZ for prevent false reading from ghost voltage

- Auto Fuse Detector
- On-Screen-Menu Selection
- High Frequency Rejection
- Min/Max/Avg
- Relative/% Function
- Auto Hold/Peak Hold
- Continuity Check/Beeper
- Bluetooth connectivity and optical USB interface
- Includes magnetic holder
- CATIII 1000V / CATIV 600V according to EN 61010.

COMING SOON
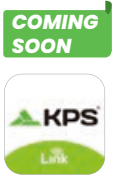
| VOLTAGE | DC 2000V |
| | AC 1500V |

| CURRENT | DC 10A |
| | AC 10A |

CAT IV 600V CAT III 1000V   CE   UKCA   ETL Intertek

DMM4500PV
Bluetooth DMM

Article	SKU	EAN 13
DMM3500BT	KPSDMM3500BTCBINT	8435394786384

- Suitable for Industrial or Solar applications
- True RMS measurements
- 6000 counts
- 10A AC/DC measurement
- Capacitance, Temperature, Frequency
- High Frequency rejection

- Non Contact Voltage Detection
- Data logging/Manual save up to 4000 records
- MIN/MAX values
- Relative function
- Bluetooth Connectivity
- CATIII 1000V / CATIV 600V according to EN 61010.

HVAC

NEW

DMM3500BT

HIGH PREC.

NEW

DMM9000BT

PV

COMING SOON

DMM4500PV

SKU	KPSDMM3500BTCBINT	KPSDMM9000BTCBINT	KPSDMM4500PVCBINT
True RMS measurement	√	√	√
Counts	6000	40000	6000
Altern current, up to	10A	10A	10A
Direct current, up to	10A	10A	10A
Altern voltage, up to	1000V	1000V	1500V
Direct voltage, up to	1000V	1000V	2000V
AC+DC Voltage	–	√	–
Resistance, up to	40MΩ	40MΩ	40MΩ
Frequency, up to	100kHz	100kHz	100kHz
Temperature, up to	400ºC	1200ºC	400ºC
Capacitance, up to	10µF	40mF	10µF
Continuity buzzer	√	√	√
Transistors test	–	–	–
Diode test	√	√	√
Battery test	–	–	–
Network cable check	–	–	–
Phone and tone check	–	–	–
Environmental measurements (RH, temperature, Sound, Luminosity)	–	–	–
Insulation measurement	–	–	–
Non−contact voltage detection	√	√	√
Low input impedance measurements	√	√	√
Low Pass Filter	√	√	√
Data hold	√	√	√
Relative measurements	√	√	√
MAX/MIN values	√	√	√
Autoranging	√	–	√
Auto off	√	–	√
Backlight display	√	√	√
Low battery display	√	√	√
PC connectivity	BT	BT and USB	BT
Data logging	√	√	√
Category according to EN61010	CATIV 600V CATIII 1000V	CATIV 600V CATIII 1000V	CATIV 600V CATIII 1000V

VOLTAGE TESTERS

The Voltage tester is an essential tool to ensure your safety and detects whether or not voltage is present.

The new KPS voltage testers are designed to ensure a safe testing as they are in compliance with the international standard IEC/EN61243-3, allowing at the same time to test the voltage on a socket with single hand and no button operation. Safe and quick.
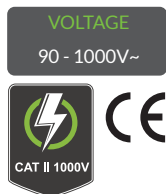
KPS-DT10
Voltage detector up to 1.000V

VOLTAGE 90 - 1000V~

CAT II 1000V · CE

Article	SKU	EAN 13
KPS-DT10	KPSDT10CBINT	8435394710310

- Non-contact voltage detection.
- Voltage sensibilty: 90-1000 V AC.
- Frequency: 50/60 Hz.
- Acoustic and luminous indication by LEDs.
- CATII 1000V according to EN61010.

KPS-DT100
Voltage tester up to 1.000V

VOLTAGE 90 - 1000V~

CAT III 600V CAT II 1000V · CE · RoHS

Article	SKU	EAN 13
KPS-DT100	KPSDT100CBINT	8435394747255

- Non-contact voltage detection.
- Voltage sensibilty: 90-1000 V AC.
- Frequency: 50/60 Hz.
- Acoustic and luminous indication by LEDs.
- CATII 1000V, CATIII 600V according to EN 61010.

KPS-DT120
Voltage detector up to 1.000V (adjustable)

VOLTAGE 12- 1000VAC

CAT III 600V CAT II 1000V · CE · RoHS

Article	SKU	EAN 13
KPS-DT120	KPSDT120CBINT	8435394747262

- Non-contact voltage detection.
- Voltage sensibilty: 12-1000 VAC.
- Frequency: 50/500 Hz.
- Acoustic and luminous indication by LEDs.
- Auto/manual Voltage sensitivity adjustment
- Auto off.
- CATII 1000V / CATIII 600V according to EN61010.

VOLTAGE
6-380VAC/DC

CAT III 400V CE

KPS-DT20
Voltage and continuity detector

Article	SKU	EAN 13
KPS-DT20	KPSDT20CBINT	8435394710273

- AC/DC voltage detection: 6V, 12V, 24V, 50V, 110V, 220V, 380V.
- Determination of polarity.
- LED indication.

VOLTAGE
12-400V AC/DC

CAT III 400V CE RoHS

KPS-DT220
Voltage detector and RCD test

Article	SKU	EAN 13
KPS-DT220	KPSDT220CBINT	8435394747286

- AC / DC voltage detection: 12V, 24V, 50V, 120V, 230V, 400V.
- Determination of polarity.
- LED indication
- Differential trip test.
- CAT III 400V according to EN 61010.

VOLTAGE
AC/DC 400V

CAT III 400V CE ETL Intertek RoHS

KPS-DT200
Voltage tester

Article	SKU	EAN 13
KPS-DT200	KPSDT200CBINT	8435394747279

- AC / DC voltage detection: 12V, 24V, 50V, 120V, 230V, 400V.
- Determination of polarity.
- LED indication.
- CATIII 400V according to EN 61010.

KPS

LIFETIME TECHNICAL SUPPORT

3 YEARS LIMITED WARRANTY

REPAIRING SERVICES

CALIBRATION SERVICES

www.kps-intl.com

TP3000LED
Voltage Tester

VOLTAGE
12-750V AC/DC

CAT IV 600V
CAT III 1000V

CE
UKCA
IP 65
ETL Intertek

Article	SKU	EAN 13
TP3000LED	KPSTP3000LEDCBINT	8435394786261

- 2 pole tester with LED indication
- Single pole test for phase detection
- Rotary field indication
- Continuity beeper
- Ultra Bright white LED torch
- Integrated single pole test for phase detection
- IP65 for outdoor applications

TP3500LCD
Voltage Tester

VOLTAGE
12-750V AC/DC

CAT IV 600V
CAT III 1000V

CE
UKCA
IP 65
ETL Intertek

Article	SKU	EAN 13
TP3500LCD	KPSTP3500LCDCBINT	8435394786414

- 2000 counts digital display
- Dual display for V AC measuring with frequency
- Frequency and Resistance measurements
- Single pole test for phase detection
- Rotary field indication
- Continuity beeper
- Ultra Bright white LED torch
- Integrated single pole test for phase detection
- IP65 for outdoor applications

NEW

VOLTAGE
7-1000V DC
6-1000V AC

CURRENT
200A AC

CAT IV 600V
CAT III 1000V

CE
UKCA
IP 65
ETL Intertek

TP5000HY
True RMS Electrical Tester

Article	SKU	EAN 13
TP5000HY	KPSTP5000HYCBINT	8435394784748

- TP5000HY combines several voltage tester funtions such as phase sequence test, single-pole phase test. continuity or polarity test, together with the capability to measure AC/DC voltage up to 1000V and AC current up to 200A
- True RMS on ACV/ACA
- 9999 Count digital display
- Bright LED Bargraph & White LED Auto backlight display
- AC 200A Measurement
- 50K Ohms Resistance capability
- Phase Rotation Indication
- Input Peak Current: Is < 3.5mA @ 1000V
- Up to 16mm dia. Conductor AWG 4/0 wire
- 39mm Width Jaw size easy to use at inaccesible spaces
- Auto Polarity Detection
- Single Pole test
- Measure voltage without battery with LED bar and LCD display
- Auto Power On/Off
- Data Hold
- Torch
- IP65 Rating

NON CONTACT VOLTAGE DETECTORS

	KPS-DT10	KPS-DT100	KPS-DT120
SKU	KPSDT10CBINT	KPSDT100CBINT	KPSDT120CBINT
Non–contact voltage detection	90–1000 VAC	90–1000 VAC	12–1000 VAC
Frequency	50/60 Hz	50/60 Hz	50/60 Hz
Acoustic indication	√	√	√
Visual indication (LEDs)	√	√	√
Sensitivity adjustment	–	–	√
Safety rating according to EN61010	CAT II 1000V	CAT II 1000V; CAT III 600V	CAT II 1000V; CAT III 600V

TWO POLE VOLTAGE TESTERS

	KPS-DT20	KPS-DT200	KPS-DT220	TP3000LED	TP3500LCD	TP5000HY
SKU	KPSDT20CBINT	KPSDT200CBINT	KPSDT220CBINT	KPSTP3000LEDCBINT	KPSTP3500LCDCBINT	KPSTP5000HYCBINT
True RMS measurements	–	–	–	–	–	√
LED bar indicator	AC/DC: 6V, 12V, 24V, 50V, 110V, 220V, 380V	AC/DC: 6V, 12V, 24V, 50V, 120V, 230V, 400V	AC/DC: 6V, 12V, 24V, 50V, 120V, 230V, 400V	AC/DC: 12V, 24V, 50V, 120V, 230V, 400V, 750V	AC/DC: 12V, 24V, 50V, 120V, 230V, 400V, 750V	AC/DC: 24V, 50V, 120V, 230V, 400V, 690V, 1000V
Polarity	√	√	√	√	√	√
AC Voltage	–	–	–	–	750V	999,9V
DC Voltage	–	–	–	–	750V	999,9V
AC Currente	–	–	–	–	–	200A
Resistance	–	–	–	–	2kΩ	50kΩ
Continuity Test	–	–	–	√	√	√
Diode Test	–	–	–	√	√	–
RCD Test	–	–	√	–	–	–
Sequence of Phases	–	–	–	√	√	√
Counts	–	–	–	–	2000	10000
Buzzer	–	–	–	√	√	√
Light Indicator	√	√	√	√	√	√
Hold	–	–	–	–	–	√
Auto Range	–	–	–	–	–	√
Jaw capability	–	–	–	–	–	16 mm
Auto Power Off	–	–	–	–	√	√
Low Battery Indicator	–	–	–	–	√	√
Torch	–	–	–	√	√	√
Safety rating according to EN61010	–	CAT III 400V	CAT III 400V	CAT III 1000V CAT IV 600V	CAT III 1000V CAT IV 600V	CAT III 1000V CAT IV 600V

CIRCUIT TESTERS

KPS circuit testers allow are designed to check the right connection of wiring on different type of systems such as data networks, telephone lines or electrical circuits.

On the other hand the cable trackers allows the tracing of hidden wires or pipes to identify the location and possible breaks or shortcircuits.

KPS-CC600
BNC/RJ Network cable tester

Article	SKU	EAN 13
KPS-CC600	KPSCC600CBINT	8435394747347

- Coaxial Cable (BNC) and Twisted-wire-pour cable (RJ45) tester
- Testing Cable shield Integrity
- Max. Distance Of Cable: 200m

KPS-CC620
RJ Network cable tester

Article	SKU	EAN 13
KPS-CC620	KPSCC620CBINT	8435394747354

- Twisted-wire-pour cable (RJ45) tester
- Testing Cable shield Integrity
- Max. Distance Of Cable: 200m
- Low battery display

KPS-CC640
Cable tracker

Article	SKU	EAN 13
KPS-CC640	KPSCC640CBINT	8435394747361

- Cable tracker and phone line tester
- Judge Continuity of cable and diagnose the break point
- Receive tone signals on cable or wires
- Identify the state in working telephone lines (Clear, Ringing, Busy)
- Send single solid or dual alerts tones to cables or wires

KPS-CC800
Socket tester

Article	SKU	EAN 13
KPS-CC800	KPSCC800CBINT	8435394747392
KPS-CC800US	KPSCC800USCBINT	-
KPS-CC800UK	KPSCC800UKCBINT	8435394787985

- LED indication of the socket's wiring:
    - Correct.
    - Missing earth.
    - Live-earth reverse Live-neutral reverse Missing neutral.
- Quickly and easily identify the breaker connected to a specific socket.
- Acoustic and LED indication.
- Pegs with different formats and voltages available.
- CAT II 230V according to EN 61010.

KPS-CC820
Circuit breaker finder (transmitter-socket tester)

Article	SKU	EAN 13
KPS-CC820	KPSCC820CBINT	8435394747385
KPS-CC820US	KPSCC820USCBINT	-
KPS-CC820UK	KPSCC820UKCBINT	8435394787992

- LED indication of the socket's wiring:
    - Correct.
    - Missing earth.
    - Live-earth reverse Live-neutral reverse Missing neutral.
- Quickly and easily identify the breaker connected to a specific socket.
- Acoustic and LED indication.
- Pegs with different formats and voltages available.
- CAT II 600V according to EN 61010.

KPS-CC840
Advanced wire tracker

Article	SKU	EAN 13
KPS-CC840	KPSCC840CBINT	8435394747378

- Find the Breaks or Shorts in Cable in the wall or under the floor.
- Track Cables in the wall or ground.
- Find the Fuse and Safeguard.
- Track a Metal Conduit in the Project of ware or hot.
- Sensitivity of Receiver can be Selected.
- Auto Ranging, Auto Power Off, Backlight and Worklight.
- CATIII 300V according to EN 61010.

CIRCUIT TESTERS

	KPS-CC600	**KPS-CC620**	**KPS-CC640**	**KPS-CC840**	**KPS-CC800**	**KPS-CC820**
SKU	KPSCC600CBINT	KPSCC620CBINT	KPSCC640CBINT	KPSCC840CBINT	KPSCC800CBINT	KPSCC820CBINT
RJ45	√	√	–	–	–	–
BNC	√	–	–	–	–	–
Sockets wiring check	–	–	–	–	√	√
Wires tracking	–	–	√	√	–	–
Metallic conduits tracking	–	–	–	√	–	–
Identification of wiring failures	–	√	–	–	√	√
Break points identification	–	–	√	√	–	–
Telephone lines checking	–	–	√	–	–	–
Tone generator	–	–	√	–	–	–
Breaker finder	–	–	–	√	–	√
Checking of wiring integrity	√	√	–	–	–	–
Max Cable Lenght	200 m	200 m	–	–	–	–
Capability to check live circuits	–	–	–	√	√	√
Adjustable sensitivity	–	–	–	√	–	–
Auto range	–	–	–	√	–	–
Auto Power Off	–	–	–	√	–	–
Backlight	–	–	–	√	–	–
Low Battery Indicator	–	√	–	–	–	√
Safety rating according to EN61010	–	–	–	CAT III 300V	CAT II 230V	CAT II 600V

LCR TESTERS

These testers are specific instruments for the measurement of SMD components on electronic boards, making them an ideal tool for laboratories and repair services.

They have gold-plated clamps that allow you to easily and accurately check components such as resistances, capacitors or coils.

RESISTANCE	CAPACITANCE
30MΩ	30mF

CE RoHS

KPS-SMD500. Smart LCR Meter

Article	SKU	EAN 13
KPS-SMD500	KPSSMD500CBINT	8435394747408

- SMD (surface Mount Device) tester
- Display: 3000 counts
- Resistance and capacitance measurement
- Auto scanning of measured parameters
- Diode check and continuity buzzer
- Data hold
- Auto range, auto-off and low battery display

INDUCTANCE	RESISTANCE	CAPACITANCE
200 H	20MΩ	6mF

CE RoHS

KPS-SMD520. Smart LCR Meter

Article	SKU	EAN 13
KPS-SMD520	KPSSMD520CBINT	8435394747415

- SMD (surface Mount Device) tester
- Display Counts: 6000
- Resistance and capacitance measurement
- Auto scanning of measured parameters
- Data Hold
- Auto range, auto-off and low battery display

INDUCTANCE
2 H

CAPACITANCE
200µF

CE RoHS

KPS-SMD600 Digital LCR Meter

Article	SKU	EAN 13
KPS-SMD600	KPSSMD600CBINT	8435394747422

- Multimeter-type SMD (surface Mount Device) tester
- LCD Display: 2000 counts
- Capacitance and inductance measurement
- Low Battery Display

LCR TESTERS

	KPS-SMD500	KPS-SMD520	KPS-SMD600
SKU	KPSSMD500CBINT	KPSSMD520CBINT	KPSSMD600CBINT
Counts	3000	6000	2000
Resistance	30MΩ	20MΩ	–
Capacitance	30mF	6mF	200µF
Inductance	–	200H	2H
Continuity Buzzer	√	–	–
Diode Test	√	–	–
SMART Technology	√	√	–
Hold	√	√	–
Auto Range	√	√	–
Auto Power Off	√	√	–
Low Battery Indicator	√	√	√

NEW RANGE FOR PROFESSIONALS
DCM CLAMP METERS

Made in Europe

ENVIRONMENTAL METERS

To check the environmental quality in interior areas such as offices, it is necessary to monitor a series of aspects that affect the health, comfort and performance of the occupants.

Parameters such as air speed and flow, sound level, lighting or the concentration of certain gases can be controlled with the KPS range of environmental meters.

RESOLUTION
50 ppm

ALARM
10% ~ 40%

KPS-AN10
Digital Anemometer

Article	SKU	EAN 13
KPS-AN10	KPSAN10CBINT	8435394710372

- Digital Anemometer
- Display: 9999 counts
- Air velocity: m/sc, f/min, km/h, miles/h, knots
- Air flow: cf/min, m3/min, m3/sc
- Air velocity and air flow measurement
- MAX/MIN values
- Data hold
- Auto-off display backlight and low battery display

KPS-DG100
Combustible gas detector

Article	SKU	EAN 13
KPS-DG100	KPSDG100CBINT	8435394747439

- Combustible gas detector
- Gas Detected: Natural gas, Methane, Ethane, Propane, Butane, Acetone, Alcohol, Ammonia, Steam, Carbon Monoxide, Gasoline, Jet fuel, Hydrogen Solvents, Lacquer thinner, Naphtha
- High resolution: 50ppm
- Alarm range: 10%~40%
- Response tiime (40% LEL) <2 Seconds

CD MEASURE
999900

LUX MEASURE
200000

FC MEASURE
20000

KPS-LX30LED
Digital light meter

Article	SKU	EAN 13
KPS-LX30LED	KPSLX30LEDCBINT	8435394739267

- High accuracy digital light meter.
- Display: 2000 counts.
- Switch between different lighting sources (LED included).
- Fc/Lux/CD unit selection.
- Data hold.
- Auto-off and low battery display.

LUX MEASURE
0-50000 LUX

KPS-LX10
Digital light meter

Article	SKU	EAN 13
KPS-LX10	KPSLX10CBINT	8435394710341

- Digital light meter for illuminance measurement (LUX)
- Display: 2000 counts.
- Probe connected to measuring equipment using extensible cable.
- Measuring ranges: 2000 Lux, 20000 Lux, 50000 Lux
- Data hold.
- Low battery display.

FREQUENCY
31.5Khz~8Khz

SOUND MEASURE
30dB ~ 130dB

KPS-SN10
Digital sound level meter

Article	SKU	EAN 13
KPS-SN10	KPSSN10CBINT	8435394710365

- Class II digital sound level meter according to IEC 651.
- Display: 2,000 counts.
- Sample rate: 2 times per second.
- A/C weighting selection.
- MAX values.
- FAST/SLOW selection.
- Data hold.
- Auto range, auto-off, display backlight and low battery display.

LIFETIME TECHNICAL SUPPORT

3 YEARS LIMITED WARRANTY

REPAIRING SERVICES

CALIBRATION SERVICES

www.kps-intl.com

ENVIRONMENTAL METERS

	KPS-SN10	KPS-AN10	KPS-DG100	KPS-LX10	KPS-LX30LED
SKU	KPSSN10CBINT	KPSAN10CBINT	KPSDG100CBINT	KPSLX10CBINT	KPSLX30LEDCBINT
Counts	2000	9999		2000	2000
Sound Level	30–130 dB	–	–	–	–
Air Flow Speed	–	0,80–40 m/s 2,88–144 km/h 2,62–131,20 ft/s 1,6–77,7 knots 1,8–90 m/h 157,5–7874 ft/min	–	–	–
Light Level	–	–	–	50000 Lux	200000 Lux 20000 FC 999900 CD
Class 2 According with IEC 651	√	–	–	–	–
Weighting selection	A/C	–	–	–	–
Time integration	FAST/SLOW	–	–	–	–
Adjustment of flow area	–	√		–	–
Resolution (p.p.m.)	–	–	50 ppm	–	–
Alarm threshold	–	–	10%–40%	–	–
Measurements on LED sources	–	–	–	–	√
Hold	√	√	–	√	√
Relative measurements	–	–	–	–	√
MAX/MIN	√/–	√/√	–	–	√/√
Autocalibration	–	–	–	–	√
Auto Range	√	√	–	–	√
Auto Power Off	√	√	–	–	√
Backlight	√	√	–	–	–
Low Battery Indicator	√	√	–	√	√

THERMOMETERS

Temperature is a parameter that allows us to verify the correct operation of a component. Hence, temperature measurement is very useful in various applications such as electrical installations, to check overloads or overheating of the elements of a circuit, or in construction, to detect thermal bridges.

With KPS models, measurements can be made contactless using the infrared technology or through thermocouples in contact with the surface of the tested object.

KPS-TM500
Non-contact infrared thermometer

REL. HUMIDITY
10% ~ 90%

IR TEMP
-20°C%~500°C

Article	SKU	EAN 13
KPS-TM500	KPSTM500CBINT	8435394774749

- Non-contact infrared thermometer.
- Laser target pointer
- Emissivity: 0,95.
- -D-S ratio=10:1
- Indication in degrees: Celsius or Fahrenheit.
- Data hold
- MAX/MIN/AVG values
- Display backlight. Low battery display.
- Tested and certified according to IEC/EN 61326.

KPS-TM800
Non-contact infrared thermometer

IR TEMP
-40°C%~800°C

K TEMP
-40°C%~1080°C

Article	SKU	EAN 13
KPS-TM800	KPSTM800CBINT	8435394747446

- Non-contact infrared thermometer up to 800ºC
- Class II laser tester pointer
- IRT and K-type temperatura measurement
- Adjustable emissivity: 0.10~1.0
- D:S ratio: 12:1
- Indication in degrees: Celsius or Farenheit
- MAX/MIN/AVG/DIF values
- Auto-off, display backlight and low battery display

KPS-TM300
Digital thermometer 1 channel

TYPE
K, J, T, E

CHANNELS
T1

CE RoHS

Article	SKU	EAN 13
KPS-TM300	KPSTM300CBINT	8435394747453

- 1-channel Digital thermometer.
- Suitable for various thermocouples, such as J, K, T, E.
- Temperature in °C, °F and K (Kelvin).
- MAX/MIN/AVG values.
- Thermocouple deviation compensation.
- Data hold.
- Auto-off(adjustable power-off time) and low battery display.

KPS-TM340
Digital thermometer 2 channels with data logging

TYPE
K, J, T, E, R, S, N

CHANNELS
T1/T2/T1-T2

CE RoHS

Article	SKU	EAN 13
KPS-TM340	KPSTM340CBINT	8435394747477

- 2-channel Digital thermometer.
- Suitable for various thermocouples, such as J, K, T, E.
- Temperature in °C, °F and K (Kelvin).
- 2-channel measurement and diference measurement.
- Thermocouple deviat ion compensation.
- MAX/MIN/AVG values.
- USB communication.
- Data hold and date register.
- Auto-off(adjustable power-off time) and low battery display.

KPS-TM320
Digital thermometer 2 channels

TYPE
K, J, T, E

CHANNELS
T1/T2/T1-T2

CE RoHS

Article	SKU	EAN 13
KPS-TM320	KPSTM320CBINT	8435394747460

- 2-channel Digital thermometer.
- Suitable for various thermocouples, such as J, K, T, E.
- Temperature in °C, °F and K (Kelvin).
- 2-channel measurement and diference measurement.
- MAX/MIN/AVG values.
- Thermocouple deviation compensation.
- Data Hold.
- Auto-off(adjustable power-off time) and low battery display.

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THERMOMETERS

CONTACTLESS   CONTACT

	KPS-TM500	**KPS-TM800**	**KPS-TM300**	**KPS-TM320**	**KPS-TM340**
SKU	KPSTM500CBINT	KPSTM800CBINT	KPSTM300CBINT	KPSTM320CBINT	KPSTM340CBINT
IR measurement	√	√	–	–	–
Measuremnt through Thermocouple	–	√	√	√	√
Temperature range	500ºC	800ºC (IRT) 1080ºC (Thermocouple)	1372ºC	1372ºC	1372ºC
Emissivity	0,95	Adjustable (0,1 to 1,0)	–	–	–
ºC,ºF Temperatures	√	√	√	√	√
ºK Temperature	–	–	√	√	√
Laser pointer	√	√	–	–	–
D:S	10:1	12:1	–	–	–
Channels	1	2	1	2	2
Hold	√	√	√	√	√
MAX/MIN/AVG	√	√	√	√	√
Relative measurements	–	√	–	√	√
Autocalibration	–	–	√	√	√
Autto Range	√	√	√	√	√
Auto Power Off	–	√	√	√	√
Backlight	√	√	–	–	–
Low Battery Indicator	√	√	√	√	√
Datalogging	–	√	–	–	√
PC communication	–	–	–	–	USB

INDUSTRIAL METERS

In industrial environments, with the presence of motors and machines, instruments that allow the verification of the phase sequence, angular and linear speeds or loop resistance at specific points of the installation are very useful.

Along with them, a line separator will facilitate the task of measuring the consumption of the different loads.

RANGE
50 ~ 19999 RPM

RANGE
50 ~ 100.000 RPM

KPS-TC10
Contact-type digital tachometer

Article	SKU	EAN 13
KPS-TC10	KPSTC10CBINT	8435394710402

- Contact-type digital tachometer.
- Measurement of angular speed from 50 to 20.000 RPM.
- Measurement of lineal speed: m/min, m/sc, feet/min, feet/sc, inch/ min.
- MAX/MIN/AVG values.
- Data hold and data register.
- Auto-off, display backlight and low battery display.
- Different idle wheels and touch tips are included.

KPS-TC20
Non-contact-type digital tachometer

Article	SKU	EAN 13
KPS-TC20	KPSTC20CBINT	8435394710419

- Non-contact-type digital tachometer.
- Measurement of angular speed from 50 to 100.000 RPM.
- Measurement distance: 50 to 250mm.
- MAX/MIN values.
- Data hold and data register.
- Auto-off, display backlight and low battery display.

KPS-CF100
Motor and phase rotation indicator

Article	SKU	EAN 13
KPS-CF100	KPSCF100CBINT	8435394747491

- Phase sequence indicator in three-phase systems.
- Motor rotation tester.
- Non-contact rotary field indication.
- LED indication.
- Built-in test leads.
- CATIII 600V according to EN 61010.

INDUSTRIAL METERS

	KPS-TC10	**KPS-TC20**	**KPS-CF100**
SKU	KPSTC10CBINT	KPSTC20CBINT	KPSCF100CBINT
Angular speed	50–19999 RPM	50–99999 RPM	–
Linear speed	√	–	–
Distance to object	Contact	50–250 mm	–
Hold	√	√	–
MAX/MIN	√	√	–
Auto Range	√	√	–
Auto Power Off	√	√	–
Backlight	√	√	–
Low Battery Indicator	√	√	–
Datalogging	√	√	–
Sequence of phases	–	–	√
Identification of wrong wiring	–	–	√
Motor rotation tester	–	–	√
Rotary field indication	–	–	√
Safety rating according to EN61010	–	–	CAT III 600V

CABLES, TEST LEADS & THERMOCOUPLES

This wide selection of accessories allows replacement of those included with the instruments due to deterioration or loss of the instruments.

Different versions of the cables, the tips or the thermocouples can be chosen according to the needs of the user.

TEST CABLES

|	KPS-PT15	KPS-PT20	KPS-PT30	KPS-CP300	KPS-CP400	KPS-CP420	KPS-CP500
SKU	KPSPT15PEINT	KPSPT20PEINT	KPSPT30CSINT	KPSCP300PEINT	KPSCP400CSINT	KPSCP420PEINT	KPSCP500CBINT
Test cables (black and red)	√	√	√	√	√	–	–
Test leads for Insulation Test up to 10kV	–	–	–	–	–	√	–
Earth resistance test leads and cables	–	–	–	–	–	–	√
Test leads (black and red)	√	√	√	–	√	–	–
Cocodrile clips (black and red)	–	–	√	–	–	–	–
Built–in replaceable fuses	–	–	–	–	√	–	–
Cable length	800 mm	1000 mm	1000 mm	1000 mm	1500 mm	2700 mm	30 m / 20 m / 5 m
Max current	10A	10A	10A	10A	10A	2mA	2A
Safety rating according to EN61010	CAT III 1000V	CAT IV 600V CAT III 1000V	CAT III 600V CAT II 1000V	CAT III 1000V	CAT IV 600V CAT III 1000V	CAT III 10k Vdc	CAT III 600V

COCODRILES & TEST LEADS

	KPS-PT100	KPS-PT120	KPS-PT200
SKU	KPSPT100PEINT	KPSPT120PEINT	KPSPT200PEINT
Test cables (black and red)	–	–	√
Cocodrile clips (black and red)	√	√	–
Length	54 mm	65 mm	185 mm
Max current	10A	10A	5A
Safety rating according to EN61010	CAT III 1000V	CAT IV 600V CAT III 1000V	CAT IV 600V CAT III 1000V

THERMOCOUPLES
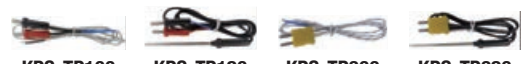
	KPS-TP100	KPS-TP120	KPS-TP300	KPS-TP320
SKU	KPSTP100PEINT	KPSTP120PEINT	KPSTP300PEINT	KPSTP320PEINT
Connector type	Banana	Banana	Plug	Plug
Probe type	Thermocouple	Rod	Thermocouple	Rod
Temperature range	−40ºC–260ºC	−40ºC–600ºC	−40ºC–260ºC	−40ºC–600ºC
Cables length	1000 mm	1000 mm	1000 mm	1000 mm

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