



MEASURING INSTRUMENTS



www.kps-intl.com



FASTCHECK3010

FASTCHECK3010 run the following test:

Plug check (Correct wiring of the plug).

L-N voltage measurements, TRMS

Testing of residual current devices (RCD) of type A, AC and F 30mA with possibility of AUTO test and measurement of CONTACT VOLTAGE

- Loop impedance (earth resistance) and contact voltage in TT systems.
- Possibility of lower test current to avoid tripping of differentials
- Loop impedance and short-circuit current in TN systems.
- Voltage harmonics up to order 49
- Total Harmonic Distortion (THD%)



EVCHECK2010

MAIN FEATURES:

The EVCHECK2010 is a tester that simulates the different states and operating modes of an electric vehicle.

It is compatible with the KPS-MULTICHECK6010 multifunction device for a complete verification of the electrical safety of electric vehicle charging stations.

Allows to check:




















- Proximity Pilot Status (PP).
- Control Pilot (CP) status.
- Measurement of the communication signal via the CP signal output terminals.
- Simulation of CP (communication) and PE (Earth Fault) errors.
- Phase voltage indicators and measurement through measurement terminals LI, L2, L3, N and PE.



PACK MULTICHECK6010 + EVCHECK2010



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POWER QUALITY ANALYZER

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.



Code	KPSPQA3020CBINT
EAN code	8435394776194
Voltage (TRMS)	Øphase-phase: 7–1000VAC 40–70Hz Phase-neutral: 5–600VAC 40–70Hz Aux: 5–1000VAC 40–70Hz, 10–1400VDC
Current (TRMS)	Range: 6–3000A Ratio: 1–60000

Events	Interruptions: >500mS Dips: >500mS Swells: >500mS
Power	Single phase and total power: Values < 999 GW, Gvar, GVA
Harmonics	Up to 50th order
Transients	Swells and overcurrents > 150uS Inrush current analysis

POWER QUALITY ANALYZER ACCESSORIES



**POWERCOMPACT
CL5A**



**POWERCOMPACT
CL200A**



**POWERCOMPACT
CL1000A**



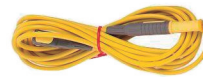
**POWERCOMPACT
CL600A**



ULTRAFLEX3000

Code	KPSPQA5ACBINT	KPSPQA200ACBINT	KPSPQA1000ACBINT	KPSPQA600ACBINT	KPSFLEX3000ACBINT
EAN code	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

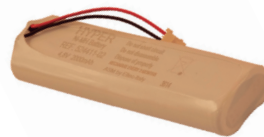
POWER QUALITY ANALYZER ACCESSORIES

**POWERCOMPACT/VTL-R****POWERCOMPACT/VTL-B****POWERCOMPACT/VTL-Y****POWERCOMPACT/VTL-BL**

Code	KPSPQAVREDPEINT	KPSPQAVBLACKPEINT	KPSPQAVYELLPEINT	KPSPQAVBLUEPEINT
EAN code	8435394776255	8435394776262	8435394776279	8435394776286
Length	1,5 m	1,5 m	1,5 m	1,5 m
Color	Red	Black	Yellow	Blue
Max. current	10A	10A	10A	10A
Safety rating according to EN61010	CAT III 1000V	CAT III 1000V	CAT III 1000V	CAT III 1000V

**POWERCOMPACT/AL-R****POWERCOMPACT/AL-B****POWERCOMPACT/AL-Y****POWERCOMPACT/AL-BL**

Code	KPSPQAAREDPEINT	KPSPQAABBLACKPEINT	KPSPQAAYELLPEINT	KPSPQAABBLUEPEINT
EAN code	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**

Code	KPSPQAMAGPEINT	KPSPQABATPEINT	KPSPQAPOWCIBINT
EAN code	8435394776330	8435394776347	8435394776354
Description	4 magnetic captors set	Replacement battery	External power supply with adapters

MULTIFUNCTION TESTERS

FASTCHECK3010

The first multifunction tester in the shape of a socket tester. It allows the test of electrical system according to the IEC standard as the common installation tester do. In addition to the TRMS Voltage measurement and the Socket Tester features allow Installation test to be performed from anyone (RCD, LOOP L-PE) in according to IEC61557-3 and IEC61557-6



FASTCHECK3010 performs the following test:

- VOLT and Socket Test (Correct wiring of Plug)
- Voltage measurement L-N , TRMS
- Residual Current (RCD) type A, AC and F also in AUTO mode with CONTACT VOLTAGE measurement
- Z LOOP (Global earth resistance in TT system and impedance L-Pe in TN with short circuit current)
- Short circuit current
- Voltage harmonics up to 49 th
- THD% (Total harmonics Distortion)
- Frequency of the fundamental Harmonics and up to 49 th

Code	KPSFASTCHECK3010CBINT
EAN code	8435394788494
GENERAL	
Display	TFT 1.77" Display, 6000 counts
Wireles connectivity	Bluetooth (FASTCHECK APP)
Memory Slot	64
Dimensions	81.5x70x83 mm
Weigth	110 g
Standards	IEC 61010-1, IEC 61010-2-30, IEC61557-3 and IEC61557-6, IEC/EN61326-1
Safety rating	CAT III 300V
Contents	Uer manual and punch
SPECS	
TRMS	Yes
AC Voltage (V)	190V-265V; 50Hz
Frequency	42 -69Hz
Socket test	Open Ground or Neutral,Phase/Neutral Phase/Ground reverse - Vc>50V
Loop(Fault Loop Impedance)	0.01 - 999 Ω (Standard Current Test: 15mA) (Low current test: 6mA)
RCD test	AC, A, F types; 30mA x1/2; x1; x5; (0, 180)

COMING SOON



MULTIFUNCTION TESTERS

MULTICHECK6010

MULTICHECK6010 is 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.



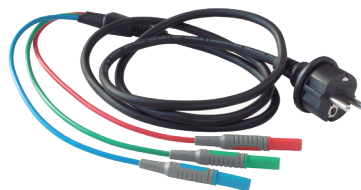
Code	KPSMF6010CBINT	
EAN code	8435394776361	
Function	Test method	Range
Insulation resistance (RISO)	Voltage: 50/100/250 V	0,000 MΩ ... 199,9 MΩ
	Voltage: 500/1000 V	0,000 MΩ ... 999 MΩ
Impedance (ZL/ZLoop)	Zline L-L, L-N, Ipfc	0,00 Ω ... 9999 Ω
	Zloop L-PE, Ipfc	0,00 Ω ... 9999 Ω
	Zloop L-PE, Ipfc, 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 hilos)	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)	
	Uc	0,0 V ... 99,9 V	
RCD	t	0,0 ms ... 500,0 ms	
	I (Ramp)		0,2xIN ... 1,1xIN (AC)
			0,2xIN ... 1,1xIN (A)
			(IN ≥30 mA)
			0,2xIN ... 2,2xIN (A)
			(IN <30 mA)
			0,2xIN ... 2,2xIN (B)

MULTICHECK6010 ACCESORIES



MULTICHECK/TBP



**MULTICHECK/PLT
MULTICHECK/PLT-UK**



MULTICHECK/ERS

Code	KPSMFPROBCBINT	KPSMFPROBEUCBINT KPSMFPROBUKCBINT	KPSMFEARHCBINT
EAN code	8435394776378	8435394776484 8435394776507	8435394776385
Description	With TEST button	Plug test probe	Earth resistance testing set (4 cables 20m/20m/5m/5m and 2 earth stakes)

MULTIFUNCTION TESTERS


MULTICHECK6010
**COMING
SOON**

FASTCHECK3010

Code		KPSMF6010CBINT	KPSFASTCHECK3010CBINT
EAN code		8435394776361	8435394788494
Voltage	TRMS	(0V–550V)	(190V–265V)
	Frequency	10Hz –500Hz	42Hz –69Hz
Harmonics		–	1 – 50th
Phase rotation		•	–
RCD	Types	A,B,B+,AC,F	A,AC, F
	Uc	0–100V	0–100V
	t	•	•
	Sensitivity	6mA,10mA,30mA,100mA,300mA,500mA,1000mA	30mA
	AUTO sequence	•	•
Insulation resistance Test (RISO)	Voltage test	50/100/250/500/1000V	–
	RISO	0–1000MΩ	–
Impedance	Zline	0–9999Ω	–
	Zloop	0–9999Ω	0–999Ω
Earth Resistance	3 wires	0–9999Ω	–
	4 wires	0–9999Ω	–
Continuity	7 mA	0–1999Ω	–
	200 mA	0–1999Ω	–
Socket wiring test		–	•
Connectivity		USB to PC	Bluetooth
Safety category		CATIII 600V	CATIII 300V

EV CHARGING STATION TESTER

EVCHECK2010

The EVCHECK2010 is an adapter/accessory which enables electrical safety testing of electric vehicle charging points (both domestic or commercial EV charging stations).

Its 4mm connectors and schucko type socket make it a universal solution compatible with any EVSE testing equipment, being the perfect addition to the multifunction tester KPS-MULTICHECK6010, also enabling other electrical safety tests, such as loop resistance, insulation, earth or RCD testing.

It simulates the presence of a car so the functionality of the EV charging station can also be tested including a PQ fault.



MAIN FEATURES:

- PE Pre-Test
- PP simulation & CP states A,B,C,D
- CP error 7 PE error /Earth Fault
- LED indication of phases
- Type 2 male connector for EVSE connection
- Oscilloscope output



Code	KPSEVCHECK2010CBINT
EAN code	8435394788487
GENERAL	
CP signal output terminals	2 pcs 4mm sockets
Fixed connector	IEC62196-2 Type 2 cable fixed to device (for type 1 optional accessory is needed)
Test cable length	25 cm
IP	IP40
Standards	IEC EN61010-1, IEC EN61851-1
Safety rating	CAT II 300V
Contents	User manual and case
SPECS	
Input Voltage	Mx. 250V(single phase) max. 430V (3 phases) 50/60Hz
Mains socket rating	250V/10A
Mains socket protection	Fuse T10A/250A
PP simulation	Open circuit 13A, 20A, 32A, 63A
CP simulation	CP error "E", PE (earth fault) error
PE Pre-test	Yes



THERMOMETERS



KPS-TM500



KPS-TM800



KPS-TM300



KPS-TM320



KPS-TM340

Code	KPSTM500CBINT	KPSTM800CBINT	KPSTM300CBINT	KPSTM320CBINT	KPSTM340CBINT
EAN code	8435394774749	8435394747446	8435394747453	8435394747460	8435394747477
IR measurement	√	√	–	–	–
Measurement through Thermocouple	–	√	√	√	√
Temperature, up to	500°C	800°C (IRT) 1080°C (Thermocouple)	1372°C	1372°C	1372°C
Emissivity	0,95	Adjustable (0,1 to 1,0)	–	–	–
°C, °F Temperatures	√	√	√	√	√
°K Temperature	–	–	√	√	√
Laser pointer	√	√	–	–	–
D:S	10:1	12:1	–	–	–
Channels	1	2	1	2	2
Data Hold	√	√	√	√	√
MAX/MIN/AVG	√	√	√	√	√
Relative measurements	–	√	–	√	√
Autocalibration	–	–	√	√	√
Auto range	√	√	√	√	√
Auto Power–Off	–	√	√	√	√
Backlight	√	√	–	–	–
Low Battery Indicator	√	√	√	√	√
Datalogging	–	√	–	–	√
PC communication	–	–	–	–	USB

THERMAL CAMERAS

**TherCam 120****TherCam 256****TherCam 384**

Code	KPSTHERCAM120CBINT	KPSTHERCAM256CBINT	KPSTHERCAM384CBINT
EAN code	8435394778488	8435394778525	8435394778549
Detector type	VOx/7.5~14μ m	VOx/7.5~14μ m	VOx/ 7.5~14μm
IR Resolution	120X90	256X192	384x288
Thermal Sensitivity / NETD	60 mk	<50 mk	45mK
Field of view(FOV)	50° × 38°	35° × 26°	28.4°×21.5°
Spatial Resolution(IFOV)	7.6 mrad	2,36 mrad	1,29 mrad
Frame Rate	25Hz/9Hz	25Hz/9Hz	25Hz/9Hz
Digital Zoom	No	x2,x4	1.1~4
Focus	N/A	N/A	Manual
Visible Camera Resolution	No	Yes (640× 480)	Yes (5M Pixels)
Flashlight	No	Yes	Yes
Display	TFT display	TFT display	High quality LCD touch screen
Screen size	2,4"	3,5"	4"
Image Mode	IR	IR/Visible/PIP	IR/Visible/PIP/MIF
Color Palettes	6	6	8
Temperature Range	-20°C~-150°C; 100°C~400°C; Autorange	-20°C~-150°C; 100°C~650°C; Autorange	-20°C~-150°C; 100°C~650°C; 650°C~1500°C; Autorange
Accuracy	2%	2%	2%
Measurement Spot	center, max, min	center, max, min	5
Measurement Area	3 (incl. max & min temp)	3 (incl. max & min temp)	5
Alarm	Max & Min	Max & Min	Max & Min
Auto Hot & Cold Spot Tracking	Yes	Yes	1. Max/ Min temp spot of full screen 2. Max/ Min temp spot of analysis object
Storage Media	Yes	No	In camera and TF card, JPG with temp info
Voice record	No	Yes	Yes
Video record	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
Mobile APP	No	Yes	Yes
PC IR Analysis Software	Yes	Yes	Yes
Battery Tpye	Rechargeable Li-ion	Rechargeable Li-ion	Rechargeable Li-ion
Battery Operating Time	>8 hours	>4 hours	>4 hours
Charging Time	≤2.5 hours	4 hours	4 hours
Operating Temperature	-10°C~-50°C	-15°C~-50°C	-10°C~-50°C
Protection class	IP54	IP43	IP54
Drop test	2-meter drop test	1-meter drop test	Shock & vibration test
Certification	CE/ROHS/FCC	CE/ROHS/FCC	CE/ROHS/FCC

EARTH RESISTANCE TESTERS


KPS-TL300

KPS-TLP100

Code	KPSTL300CBINT	KPSTLP100CBINT
EAN code	8435394747309	8435394774664
Voltage, up to	200V AC	–
Earth resistance, up to	4.000Ω	1.200Ω
Current, up to	–	20A
2 Poles Method	√	–
3 Poles Method	√	–
Clamp–on method	–	√
Data Hold	√	√
Relative measurements	√	–
MAX/MIN/AVG	√	–
Zero Adjustment	–	–
Auto range	√	√
Jaw capability	–	45mmx32mm
Auto Power–Off	√	√
Backlight	√	–
Low Battery Indicator	√	√
Datalogging	√	√
Safety rating according to EN61010	CAT III 300V	CAT III 150V

INSULATION TESTERS

**KPS-MA100****KPS-MA500**

Calibration certificate included

**INSUTEST10000**

Calibration certificate included

Code	KPSMA100CBINT	KPSMA500CBINT	KPSINSUTEST10000CBINT
EAN code	8435394747323	8435394747330	8435394776408
Voltage Test (V DC)	50V, 100V, 250V, 500V, 1000V	250V, 500V, 1000V, 2500V, 5000V	1000V, 2500V, 5000V, 10000V
Voltage test:50V DC, 100V DC	√	–	–
Voltage test:250V DC, 500V DC	√	√	–
Voltage test:1000V DC	√	√	√
Voltage test: 2500V DC, 5000V DC	–	√	√
Voltage test: 10000V DC	–	–	√
Configurable Intermedium voltages test	–	√	–
Stepped voltages test	–	√	–
Insulation resistance, up to	10GΩ	5TΩ	20TΩ
DAR/PI	√	√	√
Insulation test timer	√	√	√
Temperature compensation	–	√	–
Auto discharge	–	√	√
Direct voltage, up to	1000V	1000V	600V
Altern voltage, up to	750V	750V	600V
Leakage current measurement, up to	–	3mA	–
Resistance, up to	200Ω	–	–
Continuity Test	√	–	–
Temperature, up to	–	70°C	–
Relative measurements	√	–	–
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



NEW MEASURING INSTRUMENTS FOR PROFESSIONALS

- ACCURACY
- INNOVATION
- VERSATILITY
- SAFETY



COMPACT MULTIMETERS

**KPS-MT460****KPS-MT10****KPS-MT70****KPS-MT30****KPS-MT420****KPS-MT425**

Code	KPSMT460CBINT	KPSMT10CBINT	KPSMT70CBINT	KPSMT30CBINT	KPSMT420CBINT	KPSMT425CBINT
EAN code	8435394747170	8435394710235	8435394774671	8435394710228	8435394747095	8435394774688
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
Counts	2000	4000	6000	2000	2000	2000
Resistance, up to	20M Ω	40M Ω	60M Ω	2M Ω	20M Ω	20M Ω
Frequency, up to	–	100kHz	10kHz	–	–	–
Temperature, up to	–	–	–	–	1000°C	1000°C
Capacitance, up to	–	100 μ F	600 μ F	–	–	–
Continuity test	✓	✓	✓	✓	✓	✓
Diode test	✓	✓	✓	✓	✓	✓
Battery test	–	–	✓	–	✓	✓
Non-contact voltage detection	✓	–	✓	–	–	–
True RMS measurement	–	–	✓	–	–	–
Data Hold	✓	✓	✓	✓	✓	✓
MAX/MIN	MAX	–	–	–	–	–
Auto range	✓	✓	✓	–	–	–
Auto Power-Off	✓	✓	✓	–	✓	✓
Backlight	–	–	✓	–	–	–
Low battery display	✓	✓	✓	✓	✓	✓
Safety rating according to EN61010	CAT III 600V	CAT II 600V CAT III 300V	CAT III 600V	CAT III 600V	CAT III 600V	CAT II 1000V CAT III 600V

ADVANCED MULTIMETERS


KPS-MT440

KPS-M470

KPS-MT480

KPS-MT490

KPS-MT700

KPS-MT720

Code	KPSMT440CBINT	KPSMT470CBINT	KPSMT480CBINT	KPSMT490CBINT	KPSMT700CBINT	KPSMT720CBINT
EAN code	8435394747101	8435394774695	8435394774701	8435394774718	8435394747118	8435394747125
Altern voltage, up to	600V	600V	600V	600V	1000V	1000V
Direct voltage, up to	600V	600V	600V	600V	1000V	1000V
Altern current, up to	10A	10A	10A	10A	10A	10A
Direct current, up to	10A	10A	10A	10A	10A	10A
Counts	4000	2000	2000	4000	6600	6600
Resistance, up to	40MΩ	20MΩ	20MΩ	40MΩ	66MΩ	66MΩ
Frequency, up to	5MHz	–	–	200kHz	66MHz	66MHz
Temperature, up to	–	–	–	1000°C	–	1000°C
Capacitance, up to	100μF	–	–	100μF	66mF	66mF
Continuity test	√	√	√	√	√	√
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 pass filter	–	–	–	–	–	–
True RMS measurement	–	–	–	–	√	√
Low input impedance measurements	–	–	–	–	–	√
Data Hold	√	√	√	√	√	√
Relative measurements	√	–	–	–	√	√
MAX/MIN	–	MAX	MAX	–	√	√
Auto range	√	√	√	√	√	√
Auto Power-Off	√	√	√	√	√	√
Backlight	√	√	√	√	√	√
Low battery display	√	√	√	√	√	√
Connectivity	–	–	–	–	USB	–
Datalogging	–	–	–	–	–	–
Safety rating according to EN61010	CAT IV 600V	CAT III 600V	CAT III 600V	CAT III 600V	CAT III 1000V CAT IV 600V	CAT III 1000V CAT IV 600V



KPS-MT740

KPS-MT900

KPS-MT920

KPS-MT940

DMM3000

DMM3500BT

DMM4500PV

DMM9000BT

KPSMT740CBINT	KPSMT900CBINT	KPSMT920CBINT	KPSMT940CBINT	KPSDMM3000CBINT	KPSDMM3500BT CBINT	KPSDMM4500PV CBINT	KPSDMM9000BT CBINT
8435394747163	8435394747156	8435394747132	8435394747149	8435394786421	8435394886381	8435394786384	8435394784731
750V	600V	600V	600V	1000V	1000V	1500V	1000V
1000V	600V	600V	600V	1000V	1000V	2000V	1000V
400mA	-	10A	10A	10A	400mA	10A	10A
400mA	-	10A	10A	10A	400mA	10A	10A
6600	6000	4000	4000	6000	6000	6000	40000
66MΩ	10MΩ	40MΩ	40MΩ	40MΩ	40MΩ	40MΩ	40MΩ
66kHz	3kHz	10MHz	-	100kHz	100kHz	100kHz	100kHz
1300°C	-	-	1000°C	-	400°C	400°C	1200°C
66mF	-	100mF	-	10mF	10mF	10μF	40mF
√	√	√	√	√	√	√	√
-	-	√	-	-	-	-	-
√	-	√	√	√	√	√	√
-	-	-	√	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
50-1000V	-	-	-	-	-	-	-
-	√	√	√	√	√	√	√
-	-	-	-	√	√	√	√
√	-	√	√	√	√	√	√
-	-	-	-	√	√	√	√
√	√	√	√	√	√	√	√
√	-	√	-	√	√	√	√
√	√	-	-	-	√	√	√
√	√	√	√	√	√	√	√
√	√	√	√	√	√	√	√
√	√	√	-	√	√	√	√
√	√	√	√	√	√	√	√
-	-	BT	BT	-	BT	BT	BT & USB
√	-	-	-	-	√	√	√
CAT III 1000V	CAT III 600V	CAT III 600V	CAT III 600V	CAT III 1000V CAT IV 600V	CAT III 1000V CAT IV 600V	CAT IV 600V CAT III 1000V	CAT III 1000V CAT IV 600V

CLAMP METERS


DCM200MINI
**KPS- PA420
MINI**
KPS- PA20 MINI
**KPS- PA430
MINI**
KPS- PA440
**KPS- PA900
MINI**
KPS-PA10

Code	KPSDCM200MIN ICBINT	KPSPA420MINI CBINT	KPSPA20MINICBINT	KPSPA430MINI CBINT	KPSPA440CBINT	KPSPA900MINI CBINT	KPSPA10CBINT
EAN code	8435394787237	8435394747194	8435394710150	8435394747651	8435394747231	8435394747224	8435394710143
Altern current, up to	300A	400A	600A	400A	200A	600A	1000A
Direct current, up to	300A	–	–	400A	1000µA	–	–
AC/DC low currents (µA)	–	–	–	–	–	–	–
Altern voltage, up to	–	600V	600V	600V	600V	600V	750V
Direct voltage, up to	–	600V	600V	600V	600V	600V	1000V
Counts	6000	2000	4000	4000	6000	6000	2000
Resistance, up to	–	2kΩ	40MΩ	40MΩ	60MΩ	10MΩ	2kΩ
Frequency, up to	–	–	10kHz	1kHz	60MHz	3kHz	–
Temperature, up to	–	–	750°C	–	400°C	–	–
Continuity test	–	√	√	√	√	√	√
Diode test	–	√	√	√	√	–	√
Capacitance, up to	–	–	100µF	–	60mF	–	–
Non-contact voltage detection	√	–	–	–	√	–	–
Inrush current	√	–	–	–	–	–	–
Low pass filter	√	–	–	–	–	–	–
True RMS measurement	√	–	–	–	–	–	–
Data Hold	√	√	√	√	√	√	√
Relative measurements	–	–	–	√	–	–	–
MAX/MIN	–	–	–	√	–	√	–
Auto range	√	–	√	√	√	√	–
Jaw capability	24 mm	28 mm	26 mm with worklight	26 mm with worklight	12 mm with worklight	26 mm with worklight	42 mm
Auto Power-Off	√	–	√	√	√	√	–
Backlight	√	–	√	√	√	√	√
Low battery display	√	√	√	√	√	√	√
Connectivity	–	–	–	–	–	–	–
Datalogging	–	–	–	–	–	–	–
Safety rating according to EN61010	CAT III 600V	CAT III 600V	CAT III 600V	CAT III 600V	CAT III 600V	CAT III 600V	CAT II 1000V CAT III 600V



DCM3000



DCM3500T



DCM4000T



DCM7000BT



DCM8000BT

KPSDCM3000CBINT	KPSDCM3500TCBINT	KPSDCM4000TCBINT	KPSDCM7000BTCBINT	KPSDCM8000BTCBINT
8435394777696	8435394777702	8435394777719	8435394784687	8435394787268
1000A	1000A	1000A	600A	600A
-	-	1000A	-	600A
-	-	-	4000µA	-
750V	750V	750V	1000V	1000V
1000V	1000V	1000V	1000V	1000V
6000	6000	6000	6000	6000
20MΩ	20MΩ	20MΩ	600kΩ	600kΩ
-	60kHz	60kHz	10kHz	10kHz
-	760°C	760°C	400°C	-
√	√	√	√	√
√	√	√	√	√
-	6mF	6mF	1000µF	1000µF
√	√	√	√	√
-	-	-	√	√
-	-	-	√	√
√	√	√	√	√
√	√	√	√	√
√	√	√	√	√
√	√	√	√	√
√	√	√	√	√
40 mm with worklight	40 mm with worklight	40 mm with worklight	37 mm with worklight	37 mm with worklight
√	√	√	√	√
√	√	√	√	√
√	√	√	√	√
-	-	-	BT	BT
-	-	-	√	√
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

PV CLAMPS & FLEXIBLE CLAMPS



DCM8500PV

DCM8700PV

DCM3010FLEX

DCM3018FLEX

DCM4010FLEX

DCM4018FLEX

Code	KPSDCM8500PVCBINT	KPSDCM8500PVCBINT	KPSDCM3010FLEX-CBINT	KPSDCM3018FLEX-CBINT	KPSDCM4010FLEX-CBINT	KPSDCM4018FLEX-CBINT
EAN code	8435394784694	8435394784695	8435394786391	8435394786407	8435394784694	8435394787275
Altern current, up to	600A	1500A	3000A	3000A	3000A	3000A
Direct current, up to	600A	1500A	–	–	–	–
AC/DC low currents (µA)	4000µA	4000µA	–	–	–	–
Altern voltage, up to	1500V	1500V	–	–	–	1000V
Direct voltage, up to	2000V	2000V	–	–	–	1000V
Counts	6000	6000	–	–	3000	10000
Resistance, up to	600kΩ	600kΩ	–	–	–	10kΩ
Frequency, up to	10kHz	10kHz	–	–	–	10kHz
Temperature, up to	400°C	400°C	–	–	–	–
Continuity test	✓	✓	–	–	–	–
Diode test	✓	✓	–	–	–	–
Capacitance, up to	1000µF	1000µF	–	–	–	–
Non-contact voltage detection	✓	✓	–	–	–	–
Inrush current	✓	✓	–	–	–	–
Low pass filter	✓	✓	–	–	–	–
True RMS measurement	✓	✓	–	–	✓	✓
Data Hold	✓	✓	–	–	✓	✓
Relative measurements	✓	✓	–	–	–	–
Máximos/Mínimos	✓	✓	–	–	–	–
Auto range	✓	✓	–	–	✓	✓
Jaw capability	37 mm with worklight	42 mm with worklight	10 cm	15 cm	10 cm	15 cm
Auto Power-Off	✓	✓	✓	✓	✓	✓
Backlight	✓	✓	–	–	✓	✓
Low battery display	✓	✓	✓	✓	✓	✓
Connectivity	BT	BT	–	–	–	BT
Datalogging	✓	✓	–	–	–	–
Safety rating according to IEC61010	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

LEAKAGE CLAMPS & POWER CLAMPS



KPS-PF10



KPS-PF740



DCM300LEAK



DCM5000PW

Code	KPSPF10CBINT	KPSPF740CBINT	KPSDCM300LEAKCBINT	KPSDCM5000PWCBINT
EAN code	8435394710181	8435394747248	8435394786254	8435394886299
Altern current, up to	60A	150A	60A	600A
Min. Resolution	0,01Ma	0.001 Ma	0.001 Ma	–
Altern voltage, up to	–	600V	–	1000V
Direct voltage, up to	–	600V	–	1000V
Counts	2000	4000	6000	10000
Resistance, up to	40MΩ	40MΩ	–	100kΩ
Frequency, up to	–	–	–	10kHz
Temperature, up to	–	1000°C	–	–
Continuity test	–	✓	–	✓
Diode test	–	✓	–	✓
Capacitance, up to	–	40mF	–	4mF
Non-contact voltage detection	–	–	–	✓
Inrush current	–	–	–	✓
Power measurements	–	–	–	✓
Harmonic measurements	–	–	–	✓
Phase sequence	–	–	–	✓
Low pass filter	✓	✓	✓	✓
True RMS measurement	–	✓	✓	✓
Data Hold	✓	✓	✓	✓
Relative measurements	–	–	–	✓
MAX/MIN	–	✓	✓	✓
Auto range	–	✓	✓	✓
Jaw capability	31 mm	30 mm	40 mm with worklight	33 mm with worklight
Auto Power-Off	✓	✓	✓	✓
Backlight	–	–	✓	✓
Low battery display	✓	✓	✓	✓
Connectivity	–	–	BT	BT
Datalogging	–	–	–	✓
EMF Immunity	–	–	<30 A/Meter	–
Safety rating according to EN61010	CAT III 600V	CAT III 600V	CAT III 600V	CAT III 1000V CAT IV 600V

NON CONTACT VOLTAGE DETECTORS



	KPS-DT10	KPS-DT100	KPS-DT120
Code	KPSDT10CBINT	KPSDT100CBINT	KPSDT120CBINT
EAN code	8435394710310	8435394747255	8435394747262
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	✓	✓	✓
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-DT200

KPS-DT220

TP3000LED

TP3500LCD

TP5000HY

	KPSDT200CBINT	KPSDT220CBINT	KPSTP3000LEDCBINT	KPSTP3500LDCBINT	KPSTP5000HYCBINT
Code	KPSDT200CBINT	KPSDT220CBINT	KPSTP3000LEDCBINT	KPSTP3500LDCBINT	KPSTP5000HYCBINT
EAN code	8435394747279	8435394747286	8435394786261	8435394786414	8435394784748
LED bar indicator	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	✓	✓	✓	✓	✓
Altern voltage, up to	–	–	–	750V	999,9V
Direct voltage, up to	–	–	–	750V	999,9V
Altern current, up to	–	–	–	–	200A
Counts	–	–	–	2000	10000
Resistance, up to	–	–	–	2kΩ	50kΩ
Continuity test	–	–	✓	✓	✓
Diode test	–	–	✓	✓	–
RCD Test	–	✓	–	–	–
Phase sequence	–	–	✓	✓	✓
True RMS measurement	–	–	–	–	✓
Acoustic indication	–	–	✓	✓	✓
Visual indication	✓	✓	✓	✓	✓
Data 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-CC600	KPS-CC620	KPS-CC640	KPS-CC840	KPS-CC800 KPS-CC800UK	KPS-CC820 KPS-CC820UK
Code	KPSCC600CBINT	KPSCC620CBINT	KPSCC640CBINT	KPSCC840CBINT	KPSCC800CBINT KPSCC820UKCBINT	KPSCC820CBINT KPSCC820UKCBINT
EAN code	8435394747347	8435394747354	8435394747361	8435394747378	8435394747392 8435394787985	8435394747385 8435394787992
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 Length	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

ENVIRONMENTAL METERS



KPS-SN10



KPS-AN10



KPS-DG100



KPS-LX10



KPS-LX30LED

Code	KPSSN10CBINT	KPSAN10CBINT	KPSDG100CBINT	KPSLX10CBINT	KPSLX30LEDCBINT
EAN code	8435394710365	8435394710372	8435394747439	8435394710341	8435394739267
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	–	–	–	–	√
Data Hold	√	√	–	√	√
Relative measurements	–	–	–	–	√
MAX/MIN	√/–	√/√	–	–	√/√
Autocalibration	–	–	–	–	√
Auto range	√	√	–	–	√
Auto Power–Off	√	√	–	–	√
Backlight	√	√	–	–	–
Low Battery Indicator	√	√	–	√	√

INDUSTRIAL METERS

**KPS-TC10****KPS-TC20****KPS-CF100**

Code	KPSTC10CBINT	KPSTC20CBINT	KPSCF100CBINT
EAN code	8435394710402	8435394710419	8435394747491
Angular speed	50–19999 RPM	50–99999 RPM	–
Linear speed	√	–	–
Distance to object	Contact	50–250 mm	–
Data Hold	√	√	–
MAX/MIN	√	√	–
Auto range	√	√	–
Auto Power–Off	√	√	–
Backlight	√	√	–
Low Battery Indicator	√	√	–
Datalogging	√	√	–
Phase sequence	–	–	√
Identification of wrong wiring	–	–	√
Motor rotation tester	–	–	√
Rotary field indication	–	–	√
Safety rating according to EN61010	–	–	CAT III 600V

LCR TESTERS

**KPS-SMD500****KPS-SMD520****KPS-SMD600**

Code	KPSSMD500CBINT	KPSSMD520CBINT	KPSSMD600CBINT
EAN code	8435394747408	8435394747415	8435394747422
Counts	3000	6000	2000
Resistance, up to	30MΩ	20MΩ	–
Capacitance, up to	30mF	6mF	200μF
Inductance, up to	–	200H	2H
Continuity test	√	–	–
Diode test	√	–	–
SMART Technology	√	√	–
Data Hold	√	√	–
Auto range	√	√	–
Auto Power–Off	√	√	–
Low Battery Indicator	√	√	√

TEST CABLES



	KPS-PT15	KPS-PT20	KPS-PT30	KPS-CP300	KPS-CP400	KPS-CP420	KPS-CP500
Code	KPSPT15PEINT	KPSPT20PEINT	KPSPT30CSINT	KPSCP300PEINT	KPSCP400CSINT	KPSCP420PEINT	KPSCP500CBINT
EAN code	8435394739250	8435394710440	8435394710433	8435394747576	8435394747545	8435394747552	8435394747569
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
Code	KPSPT100PEINT	KPSPT120PEINT	KPSPT200PEINT
EAN code	8435394747590	8435394747606	8435394747583
Test leads (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
Code	KPSTP100PEINT	KPSTP120PEINT	KPSTP300PEINT	KPSTP320PEINT
EAN code	8435394747613	8435394747637	8435394747620	8435394747644
Connector type	Banana	Banana	Plug	Plug
Probe type	Thermocouple	Rod	Thermocouple	Rod
Temperature range	–40°C–260°C	–40°C–600°C	–40°C–260°C	–40°C–600°C
Cables length	1000 mm	1000 mm	1000 mm	1000 mm

LINE SPLITTER



	KPS-SL100	KPS-SL100UK
Code	KPSSL100CBINT	KPSSL100UKCBINT
EAN code	8435394747484	8435394788012
Multipliers of current	x1 / x10	x1/x10
Terminals for voltage measurement	✓	✓
Max. current	15A	13A
Safety rating according to EN61010	CAT II 600V	CATI600V

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AC 1500V

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AC 10A



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- DCA ZERO, HOLD, MIN/MAX
- DATA LOGGING
- CATIV600V

DCM8500PV

SOLAR CLAMP METER

JAW SIZE Ø37mm

VOLTAGE DC 2000V
AC 1500V

CURRENT DC 600A
AC 600A



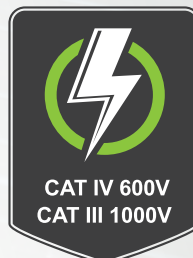
DCM8700PV

SOLAR CLAMP METER

JAW SIZE Ø42mm

VOLTAGE DC 2000V
AC 1500V

CURRENT DC 1500A
AC 1500A



www.kps-intl.com



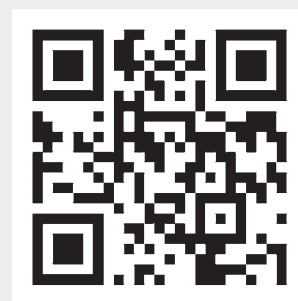
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