

Technical parameters

AC current source	
Range & Power	6x20A @ 90VA max each; 3x40A @ 180VA max each;
Accuracy	>0.02%Rd+0.01%Rg
Distortion	<0.025%
Resolution	1mA
AC voltage source	
Range & Power	6x130V @ 65VA max each
Accuracy	>0.015%Rd + 0.005%Rg
Distortion	<0.025%
Resolution	1mV
Frequency & Phase	
Frequency Range	0~3000Hz
Frequency Error	±0.5ppm
Frequency Resolution	0.001 Hz
Phase Range	-360° ~ +360°
Phase Error	0.02° Typical
Phase Resolution	0.001°
Binary Input	
Port Quantity	8 pairs isolated, 0V ~ 300Vdc or dry contact
Binary Output	
Port Quantity	4 pairs isolated, fast speed transistor output
Capacity	Vmax:250V(ac or dc) / Imax:0.5A
Synchronize	
Type	GPS, IRIG-B(modulated or fiber converter), External trigger
Size and weight	
Specs	390x256x140mm, <10kg, 9.7-inch touch screen
Power Supply	
Allowable voltage	90V ~ 264V(AC); 127V ~ 350V(DC), 45 ~ 55Hz

Optional functions

Fiber port for IEC61850 SV & GOOSE	
Type	100Base-FX(100Mbit, full duplex),LC type
Port Quantity	8 pairs

About Us

KPM is a high quality manufacturer & provider of rugged electrical testing equipment for EHV/HV/LV substations. With world class technology collaborations, KPM solutions are known for:

- Best in class specifications
- Unique test approach
- Interference rejection capability

Each equipment is supported by advance service center in Gurgaon backed by a team of expert application & service engineers. KPM aims in bringing highest specification products at the doorstep of Indian customers in best rates.

Contact Us

KPM ENGINEERING SOLUTIONS PVT. LTD.
 815 A, 8th Floor, Unitech Arcadia, Sec 49,
 Gurugram – 122018 ,Haryana
 Website : www.kpmtek.com ,
 Email : sales@kpmtek.com
 Phone No : +91 124 4001088

KF86 Intelligent Relay Tester



A 10 Kg versatile solutions for testing of Relays

Current Sources : 6 X 20A

Voltage Sources : 6 X 130

IEC 61850 Complied (Sampled Value & GOOSE)

A 10kg Star Is born

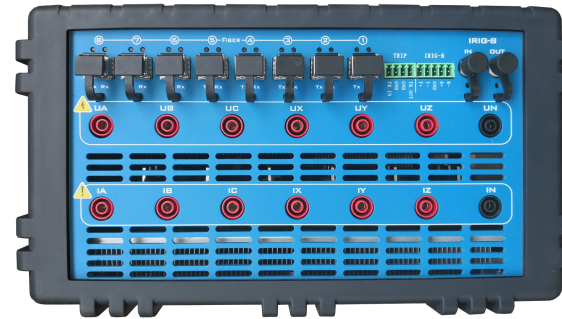
- 6x130V voltage, 6x20A current outputs
- Variable battery simulator, DC 0-300Vdc
- Quick relay testing facility in Auto/Manual mode
- Graphical test modules and templates for testing of various relays
- Shot/Search/Check, point & Click testing
- RIO/XRIO import & export facility
- Switch on to fault test (SOTF)
- Inbuilt GPS and IRIG-B sync end-to-end testing
- Online vector display
- Automatic rest results assume
- Automatic test report creation
- Testing results playback scenarios
- Self-protection for wrong wiring connection, overload, overheat, etc.

9.7-inch true color LCD, touch screen with simple keyboard



- 1 RJ45 ethernet port
- 2 USB type-B
- 1 RS232 serial port

8 optic fiber ports complying IEC61850 SV & GOOSE



Synchronize with GPS, External trigger, IRIG-B (Modulated or fiber optic converter)

6x130V voltage, 65VA each
6x20A current, 90VA each
3x40A current, 180VA each

KF 86

**A portable 10kg
Universal Relay Test
Kit**

8 pairs isolated binary inputs, 0~300Vdc or dry contact, programmable threshold turn over



4 pairs fast speed binary outputs, 250V/0.5A max

KF86

Testing IEC61850 IEDs, Merge unit, numerical / electromagnetic relays in a single package

KEY PARAMETER MONITORING

WWW.KPMTEK.COM