

### Technical parameters

<b>AC current source</b>	
Range & Power	6x35A @ 425VA max each; 3x70A @ 670VA max each;
Accuracy	>0.01%Rd+0.005%Rg Typ.
Distortion	<0.025% Typ.
Resolution	1mA
<b>AC voltage source</b>	
Range & Power	6x310V @ 105VA max each
Accuracy	>0.015%Rd + 0.005%Rg
Distortion	<0.025%
Resolution	1mV
<b>Frequency &amp; Phase</b>	
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°
<b>Binary Input</b>	
Port Quantity	8 pairs isolated, 0V ~ 300Vdc or dry contact
<b>Binary Output</b>	
Port Quantity	4 pairs isolated, fast speed transistor output
Capacity	Vmax:250V(ac or dc) / Imax:0.5A
<b>Synchronize</b>	
Type	GPS, IRIG-B(modulated or fiber converter), External trigger
<b>Size and weight</b>	
Specs	390x256x140mm, <10kg, 9.7-inch touch screen
<b>Power Supply</b>	
Allowable voltage	90V ~ 264V(AC); 127V ~ 350V(DC), 45 ~ 55Hz

### Optional functions

<b>Fiber port for IEC61850 SV &amp; GOOSE</b>	
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

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## KF86 P Intelligent Relay Tester



**A 10 Kg versatile solutions for testing of Relays**

**Current Sources : 6 X 35A**

**Voltage Sources : 6 X 310V**

**IEC 61850 Complied ( Sampled Value & GOOSE )**

# A 10kg Star Is born

- 6 x 310V voltage, 6 x 35A 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



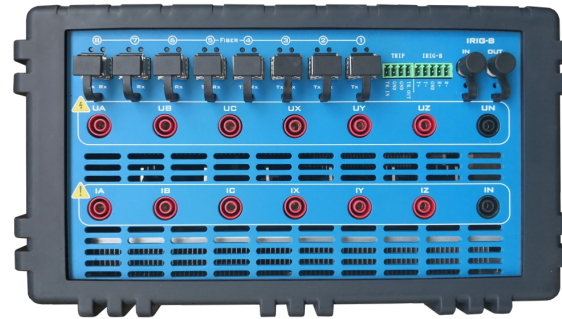
- 1 RJ45 ethernet port
- 2 USB type-B
- 1 RS232 serial port

## KF86 P

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



8 optic fiber ports complying IEC61850 SV & GOOSE



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

6x310V voltage, 105VA each  
6x35A current, 425VA each  
3x70A current, 670VA each

**KF 86 P**

**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