

## KS706 Multifunctional Power Meter

1. Built-in industrial computer is adopted to control the device plus with the ports convenient for function extension, user-friendly interface style and rich content;
2. Colorful LCD: 6.4 inch, resolution 640X480;
3. Available to display the measurement data and waveform of three voltage and three current; and able to analyze harmonic within 21 orders;
4. Able to identify these frequently faced wrong connections as 3-phase & 3wire (48 types), and 3-phase & 4 wire(96 types), and display hexagon diagram of optional connection;
5. Error correction function is provided to help user do error calibration, parameter measurement data will make correction;
6. Auto switching available to choose from voltage measuring range and current measuring range, and all the energy constants of the measuring range can remains;
7. Auto/Manual calibration for energy meter based on single phase, 3-phase & 3wire, 3-phase & 4-wire active, 3-phase & 4-wire reactive inductive and 3-phase & 4-wire active electronic (able to receive the pulse of electronic energy meter); utilizing antitheses method to calibrate voltage, current, power, power factor, phase and frequency for electro technical instruments and transducers;
8. Able to create a new file or open the existed on-site library file, and delete or inquire the record of library files;
9. software updating and report saving through LAN or U disk;
10. Able to be connected to 5A clamp meter with 0.2% accuracy. Available to connect to clamp meters in 20A, 100A, 500A, 1000A, available to work out the integrated error.
11. Data reading for multi-function meter, available to the brand like ABB, Siemens, Redphase meter, etc.

### Main specifications

AC Voltage input test	
Auto-handover range:	30V~456V
Voltage range:	100V/220V/400V
Accuracy:	0.05%
AC current direct input test	
Auto-handover range:	0.05A~10A
Current range:	0.2A/0.5A/1A/2A/5A/10A
Accuracy:	0.05%
AC current clip-input test	
AC current input	5A
Accuracy	0.2%
AC current clip-input test:	
AC current input	20A/100A/500A/1000A
Accuracy	0.5%

<b>Power &amp; Electric Energy Test</b>	
<b>AC current clip-input test:</b>	
Active Power & Electric Energy test accuracy:	0.05%
Reactive Power Accuracy	0.2%
<b>AC current 5A clip-input test:</b>	
Active Power & Electric Energy test accuracy:	0.2%
Reactive Power Accuracy	0.5%
Power factor test scope :	-1~+1
Accuracy:	±0.0005
Phase test scope :	-180~+180°
Accuracy:	±0.05°
Frequency test scope :	45 Hz ~ 65 Hz
Accuracy:	±0.01 Hz
Current & Voltage humorous test:	2-21orders humorous
Warming-up:	≤ 10 minutes
<b>Standard Electric Energy pulse setting:</b>	
Direct-input:	Default 36000000p/kWh for full range. 36000000p/kWh for 100V; 18000000p/kWh for 200V; 9000000p/kWh for 400V;
Current Clamp input:	Default 36000000 / (clip range /5) p/kWh 36000000 / (clip range /5) p/kWh for 100V; 18000000 / (clip range /5) p/kWh for 200V; 9000000 / (clip range /5) p/kWh for 400V;
Output Electric Energy Constant:	100~360000000
<b>Working environment</b>	
Working temperature :	0 ~ 40°C
Humidity	≤85%
Working power supply :	AC 85V-260V
Consumption:	≤15VA
<b>Size</b>	
testing set size	140×360×225 (mm)
Package size	500×330×300 (mm)