AC/DC DIGITAL POWER METER
CODE 9670-PM70



- Basic accuracy: 0.2%
- AC/DC universal, input signal bandwidth: DC, 15Hz-5kHz
- High measurement speed, up to 0.1s refresh rate
- Voltage and current ratio function
- Sound and light alarm for voltage, current, power over the limits
- Standard RS232 interface to support test automation and data transmission

SPECIFICATION

Measurement parameters		voltage (U), current (I), active power (P), reactive power (Q), apparent power (S), power factor (λ), phase angle (φ), voltage frequency (f), voltage peak (Vpk), current peak (Apk), electric energy (Wh), current integration (Ah), electric energy time (Time)
Wiring method		single phase
Voltage range		15/30/60/150/300/600V
Current range		100mA/200mA/500mA/1A/2A/5A/10A/20A
Voltage	**display range**	0.15V~600V
	accuracy (at 23±5˚C)	DC, 15Hz≤f≤5kHz: ±(0.1%×display+0.1%×range)
Current	**display range**	0.5mA~20A
	accuracy (at 23±5˚C)	DC, 15Hz≤f≤5kHz: ±(0.1%×display+0.1%×range)
Active power	**display range**	1.0mW~12kW
	accuracy (at 23±5˚C)	DC, 15Hz≤f≤5kHz: PF>0.5: ±(0.1%×display+0.1%×range) PF≤0.5: ±(0.25%×display+0.25%×range)
Frequency	**display range**	15Hz~5kHz
	accuracy (at 23±5˚C)	±(0.1%xdisplay) (voltage amplitude should be greater than 10% of range)
Electric energy	**display range**	0~9999MWh
	accuracy (at 23±5˚C)	±(0.5%×display)
Current integration	**display range**	0~9999MAh
	accuracy (at 23±5˚C)	±(0.5%×display)
Power factor		±(0.010~1.000)
Ratio range (voltage, current)		0.1~6000
Interface		RS232 interface, supports MODBUS and ASCII code protocols
Power supply		AC 100V~240V, 50/60Hz
Dimension (L×W×H)		281×213×99mm
Weight		2550g

STANDARD DELIVERY

Main unit	1 pc
RS232 communication cable	1 pc