

Drawing of Three Phase Portable Reference Standard Meter - YC98M



Dimension (mm) (W×H×D)	Main instrument	245x168x67
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Weight (kg)	Main instrument	1.5kg
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Description:

- High accuracy 0.1%
- Large color display screen
- Screen copy function
- Waveform display function
- Energy accumulating
- Vector diagram function
- Input two pulse signal for master and slave meter synchronously calibration
- Measurement data can be managed by computer via Rs232 interface

Applications:

- Nation-level utility companies
- Governmental bureaus of metrology
- Big energy meter manufacturers
- Primary Competitive Advantages:
 - High quality product
 - High stability
 - Friendly interface
 - Convenient operation

**Technical Specification for Three Phase Portable Reference Standard Meter
YC98M - 0.1%**

Range	30-480V
Error	±0.1%
Harmonic	2nd -- 21st
Range (direct connection)	0.1-10A
Range (clamp CT)	100A
	5A,500A,1000A,2000A (option)
Error (direct connection)	±0.1%
Error (clamp CT)	±0.2% (5A, 100A); ±0.5% (other)
Harmonic	2nd -- 21st
Active power (direct connection)	±0.1%
Active power (clamp CT)	±0.2% (5A, 100A); ±0.5% (other)
Reactive power (direct connection)	±0.1%
Reactive power (clamp CT)	±0.2% (5A, 100A); ±0.5% (other)
Active energy (direct connection)	±0.1%
Active energy (clamp CT)	±0.2% (5A, 100A); ±0.5% (other)
Reactive energy (direct connection)	±0.1%
Reactive energy (clamp CT)	±0.2% (5A, 100A); ±0.5% (other)
Range	0° – 360°
Error	±0.05°
Range	45Hz – 65Hz
High frequency output(CH)	--
Low frequency output(CL)	3600imp/kWh
Pulse ratio	0.042361111
Output level	5V
Input channel	2
Input level	5 -- 10V
Input frequency	Max. 100Hz
Resolution	7" TFT color (480x234)
Vector diagram	Yes
Waveform	Yes
Energy accumulation	Yes
CT ratio test	Yes
Local parameter input	Yes
Wiring emulation	Yes
Self-calibration	Yes
Recorder check	Yes
Data storage	Yes
Data storage qty	5000
External extend memory	Yes
Screen printing	Yes
Communication port	USB/RS232

Communication with PC	Yes
Upload data	Yes
External mini printer	Yes
External keyboard	Yes
Voltage Supply way	External power; test lead power
Voltage Supply	55-480V, 50/60Hz
Ambient temperature	-25°C -- +45°C
Relative humidity	40% -- 95%