

Drawing of Single Phase Portable Reference Standard Meter YC2000A



Dimension (mm) (W×H×D)	Main instrument	190x140x50	Weight (kg)	Main instrument	0.7kg
-----------------------------------	------------------------	-------------------	--------------------	------------------------	--------------

Description:

- Current direct connection for high accuracy calibration
- External power supply or test lead power, suit for fieldwork
- With 2pcs clamp CT to test ratio of current transformer. (Optional)

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 Single Phase Portable Reference Standard Meter YC2000A

Range	10-420V
Error	±0.1%
Harmonic	2nd-- 51st
Range (direct connection)	--
Range (clamp CT)	100A
	5A,500A,1000A,2000A (option)
Error (direct connection)	--
Error (clamp CT)	±0.3% (5A, 100A)
	±0.5% (other)



Rigil-Geny India Private Limited

G-233, Sector-63, Noida, Gautam Buddha Nagar, Uttar

Pradesh, India - 201301

Harmonic	2nd-- 51st
Active power (direct connection)	--
Active power (clamp CT)	±0.3% (5A, 100A)
	±0.5% (other)
Reactive power (direct connection)	--
Reactive power (clamp CT)	±0.5%
Active energy (direct connection)	--
Active energy (clamp CT)	±0.3% (5A, 100A)
	±0.5% (other)
Reactive energy (direct connection)	--
Reactive energy (clamp CT)	±0.5%
Range	0° – 360°
Error	±0.1°
Range	45Hz – 65Hz
High frequency output(CH)	--
Low frequency output(CL)	800imp/kWh
Pulse ratio	1:1
Output level	5V
Input channel	1
Input level	5 -- 10V
Input frequency	Max. 100Hz
Resolution	3.5"TFT color (320×240)
Vector diagram	N/A
Waveform	Yes
Energy accumulation	Yes
CT ratio test	Yes
Local parameter input	Yes
Wiring emulation	N/A
Self-calibration	N/A
Recorder check	Yes
Data storage	Yes
Data storage qty	1000
External extend memory	N/A
Screen printing	N/A
Communication port	RS232
Communication with PC	Yes
Upload data	Yes
External mini printer	N/A
External keyboard	N/A
Voltage Supply way	External power
	Test lead power
Voltage Supply	50-420V, 50/60Hz
Ambient temperature	-25°C -- +45°C
Relative humidity	40% -- 95%