

Drawing of Single Phase - YC2000C + Carry Case



Equipment Dimensions (W×H×D) (mm)	215×60×30	Carry Case Dimensions (W×H×D) (mm)	500×120×80
Weight (kg)	0.25 kg	Weight (kg)	3 kg

Main Characters:

- ✓ Current clamp and meter combined together, colorful and touch-screen display;
- ✓ One AAA Li-battery can continuously working 24 hours;
- ✓ Wide voltage, current measurement range, voltage range: 15-300V, current range: 0.05-100A;
- ✓ Display all the measuring parameters in one screen;
- ✓ Current clamp has automatic compensation function, 0.2% class accuracy;
- ✓ Current clamp has automatic calibration function;
- ✓ Integration design of the meter and clamp;
- ✓ 16bit high accuracy AD switch 32 bits ARM processor core.
- ✓ Automatically record and save 999 groups calibrate data;
- ✓ Micro-multifunction optic sampler

Application & Functions:

- ✓ Manual/automatic test inductive single phase meters;
- ✓ Manual/automatic test electric single phase meters;
- ✓ Measure virtual value of alternating voltage (15~300Vrms);

- ✓ Measure virtual value of alternating current (50mA~100Arms);
- ✓ Test parameters: active power, phase angle of voltage and current, frequency and etc.
- ✓ Automat IC store testing data and 999 group test results can be saved.

Technical Specification for Single Phase Portable Reference Standard Meter **YC2000C 0.2%**

Conditions and Requirement of use		
Environment	Temperature	-10°C—+55°C / 5% — 85%RHD
	Relative humidity	-25°C—+70°C /5% —95% RHD
	Altitude	<2500m
Power	Voltage	15~300V
	Frequency range	45Hz - 65Hz
	Waveform distortion	< 0.2%
Measure Scope	Voltage	15—300V(r.m.s)
	Current	5mA—100A(r.m.s)
	Phase angle	0—359.99°
	Frequency	45 — 65Hz
Accuracy of measurement	Voltage & current	better than 0.2%
	Phase angle	better than 0.05 °
	Frequency	better than 0.005 Hz
	Active power	better than 0.5%
	Active power energy	better than 0.5%

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