

Introducing

WENS 30C

Loop Calibrator

Innovation, Precision

Easy to use User Friendly Software

- ◆ 4 1/2 digits 20,000 Count Large display.
- ◆ Simple, quick-click interface for easy one-handed operation.
- ◆ Large Encoder Switch for Output Adjustment.
- ◆ Simultaneous mA and % read out for quick, easy interpretation of readings.
- ◆ mA accuracy of 0.025% .
- ◆ 1 μ A resolution for mA source, simulate and measures.
- ◆ Push button 25% Ramping steps for fast, easy linearity checks.
- ◆ Auto step, Auto Ramp : dc mA measurement without a DMM.
- ◆ 24 Volt internal loop supply.
- ◆ Innovative output adjustment dial with 1 μ A and 100 μ A resolution.
- ◆ Power : 9V



WENS

SOURCE

DC Current

Range	Accuracy
0-24mA(optional)	$\pm (0.025\% \text{ rdg}+5\text{dgts})$
4-20mA(default)	

DC Voltage

Range	Resolution	Accuracy
2V	100 μV	$\pm (0.05\% \text{ rdg}+5\text{dgts})$ up to 15V non specification
20V	1mV	

TX SIMULATOR

- 2wire transmitter simulation : External excitation voltage, 3V min, 50V max.
- The current sink levels are adjustable with accuracies as in the mA source.

Output Ramp

- Current Ramp:4 to 20 on all ranges.
- Ramp times:5sec, 20sec, 50sec(3 ramp type).

MEASURE

DC VOLTAGE (auto)

Range	Resolution	Accuracy	Overload Protection
2V	100 μV	$\pm (0.05\% \text{ rdg}+5\text{dgts})$	100V DC or AC peak with 10 Seconds
20V	1mV		
50V	10mV		

DC CURRENT(auto)

Range	Resolution	Accuracy	Overload Protection
2mA	0.1 μA	$\pm (0.05\% \text{ rdg}+5\text{dgts})$	unfused
20mA	1 μA		

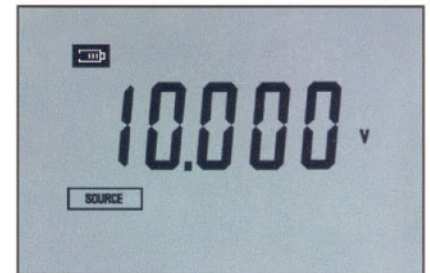
Loop Power 24V Internal Supply

GENERAL SPECIFICATIONS

Display	: 4 1/2 digit, 20000 Count Display
Operating Temperature	: 0°C to 50°C, 0-70% RH
Storage Temperature	: -20°C to 60°C, 0-80% RH with Battery Removed
Battery	: 9V Battery type NEDA 1604 6F22 or 006P or 6LR61
Battery Life	: 18hours typical
Dimensions	: 88(W)×178(L)×33(D)m/m / 3.5"(W)×7"(L)×1.3"(D)inch
Net weight	: 315g(0.7lbs)
Accessory	: Test Leads, Instruction Manual, 9V Battery(Installed), Carry Case



mA SOURCE DISPLAY



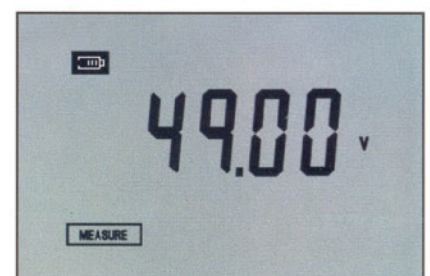
Voltage SOURCE DISPLAY



SIMULATOR DISPLAY



LOOP POWER DISPLAY



Voltage MEASURE DISPLAY

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Specifications are subject to change without prior notice