



# Model 1113 EL

## Digital RCD Tester



- Microprocessor-controlled.
- Very low consumption.
- 50Hz and 60Hz operation.
- Accurate digital readout of disconnection time.
- Over temperature protection.
- Over voltage protection.
- Fuse protection.
- Zero crossing circuitry permit testing at 0° or 180°.
- Auto power off.
- Backlight function.
- Wiring polarity indicator.
- Measure voltage between Line and Earth before testing.
- Frequency measurement indication.

The 1113 EL is a compact hand-held residual current detector, earth leakage circuit breaker, or ground fault circuit interrupter tester (designation could be different from country to country). It is designed to meet international standards of performance and safety. This model is a high-quality instrument used by professionals to obtain accurate protection disconnection times when a selectable fault current is injected to earth (ground).

### Specifications

Current Settings	10mA, 20mA, 30mA, 100mA, 150mA, 300mA
Current Selection	Rotary Switch Selector
Phase Start Selection	Referenced to Earth
0° and 180°	Yes
Over-Temperature Protection	Yes
Wiring Correctness Indication	Yes ( LEDs )
Trip Indicator	Yes ( LCD )
Operating Voltage ( L-E )	Version A : 240 Vac
50Hz or 60Hz	Version B : 230 Vac
Voltmeter (L-E)	10Vac ~ 280Vac (50Hz or 60Hz)
Timer Resolution	1ms (Max Time = 2.999s)
Timer Accuracy	± 2ms
Current Accuracy	± 5% ± 1mA
Voltmeter Resolution	1Vac
Voltmeter Accuracy	± 2%±1Vac
Operating Temperature	0°C ~ 40°C
Storage Temperature	-10°C ~ 50°C
Dimensions	175(L)×85(W)×75(D)m
Weight (batter included)	Approx. 670g
Power source	1.5V (AA) × 8 (Alkaline battery)
Safety standard	EN 61010-1 CAT IV 300V, EN 61326-1

### Accessories

- Instruction manual
- Test leads
- Soft pouch
- Shoulder belt
- Batteries

**Hoyt Electrical Instrument Works, Inc.**

23 Meter Street  
Penacook, NH 03303

Phone: (800) 258-3652  
Fax: (603) 753-9592  
Email: sales@hoytmeter.com

[www.hoytmeter.com](http://www.hoytmeter.com)