

## Dual Voltage Tester

Innovatively designed, the Labgear Dual Voltage tester auto selects the measurement type and range making is simple and quick to use. It's retractable tip covers can't be lost ensuring compliance at all times.

### Features:

- Clear oversize luminous LEDs shine through voltage level
- Clear audible tone
- Captive GS38 tip covers can't be lost, so ensuring compliance at all times
- Bright torch light - gives ample illumination
- Fits into recessed terminals such as RCBOs without unscrewing any caps
- Phase rotation - bright green LEDs show left or right rotation
- AC & DC Voltage tests up to 690V
- Clear oversize luminous LED indication
- Continuity test
- Self diagnostic test
- Single pole phase test
- Phase rotation test
- Polarity indication
- Auto power on/off
- IP65 rating protects against dust & water ingress
- Designed to the new international safety standards IEC 61243-3 & IEC 61010-1
- Cat IV 600V
- Soft to touch over-moulded rubber body

Specifications			
Voltage Test			
Voltage Range		12-690 AC/DC	
Peak Current		Is <3.5mA (at 690V)	
Internal Battery Consumption		Approx. 80mA (battery 3V, measuring 690 AC)	
Battery Life		Approx. 1000 operations (30s ON/240s OFF duty)	
Nominal Voltage		12/24/50/120/230/400/690V, AC (16-400Hz), DC(±)	
Tolerance (Threshold Voltage)		Light on at more than: 7±3V (12V LED), :18±3V (24V LED), :37.5±4V (50V LED) 75%±5% of nominal voltage, (120/230/400/600/690V LED)	
Response Time		<0.6s at 100% of each nominal voltage	
Single Pole Phase Test		Phase Rotation Test	
Voltage Range	100-690V AC (45-100Hz)	System	Three-phase 4-wire system 200-690V phase-to-phase (100-400V earth-to-phase) AC50/60Hz
Continuity Test			
Detection Range		0-400K Ω + 50% (23+5°C)	
Test Current		Approx. 1.5μA (battery 3V, 0 Ω)	
Internal Battery Consumption		Approx. 80mA (battery 3V, 0 Ω)	
General			
Operating ref. conditions		-15~-15°C no Condensation max 85% RH	
Storage ref. condition		-20~-70°C no Condensation max 85% RH	
Safety Standards		IEC 61010-1:2010, IEC 61243-3:2010, IEC 601010-031:2008 Category: CAT III 690, CAT IV 600V pollution deg 2 IEC 61557-7:2007	
IP Rating		IP65 (IEC 60529)	
Dimensions		243 x 64 x 26mm	
Weight		190g (including batteries)	
Batteries		3V (2 x 1.5V AAA/LR03)	

