

High current loop tester

LT300

The LT300 offers high current loop testing over a wide range of frequencies and supply voltages with simple, fast, two wire operation.

Frequency range

Supply frequency is indicated upon connection and the LT300 will automatically set to the supply frequency either 16 Hz, 33 Hz, 50/60 Hz, 125 Hz or 400 Hz. Testing will commence automatically.

Loop measurement

Two loop impedance ranges are provided.
20 Ω - Resolution to 0.01 Ω
200 Ω - Resolution to 0.1 Ω

Supply voltage

Operational supply range extends from 50 V to 550 V

(400 V @ 16 Hz), with a warning for voltages over 330 V highlighting accidental phase to phase connections on a nominal 230 V system.

Special features

- High current loop testing
- Wide range of frequencies
- Wide range of supply voltages
- CATIV 300 V



LT300 series accessories



1003-112
2 Wire test lead set



1004-323
UK mains test lead set



1001-977
2-wire 10 A fused test lead set

Take a closer look

uk.megger.com/LT300

| | | LTW315 | LTW325 | LTW335 | LTW425 | LT300 |
|-----------------------------|---|--------|--------|--------|--------|----------|
| Loop testing | 2-wire non-tripping loop testing | ■ | ■ | ■ | ■ | ■ |
| | 2-wire high current, fast, loop testing | ■ | ■ | ■ | ■ | ■ |
| | Operating range 110 V to 280 V | ■ | ■ | ■ | ■ | ■ |
| | Operating range 50 V to 440 V | ■ | ■ | ■ | ■ | ■ |
| | Operating range 50 V to 550 V | ■ | ■ | ■ | ■ | ■ |
| | Phase to phase testing | ■ | ■ | ■ | ■ | ■ |
| | PFC range 20 kA | ■ | ■ | ■ | ■ | ■ |
| | PFC range 40 kA | ■ | ■ | ■ | ■ | ■ |
| | Resolution 0.01 ohm | ■ | ■ | ■ | ■ | ■ |
| | Resolution 0.001 ohm | ■ | ■ | ■ | ■ | ■ |
| | Automatic noise detection | ■ | ■ | ■ | ■ | ■ |
| | Automatic test start | ■ | ■ | ■ | ■ | ■ |
| | Frequency measurement | ■ | ■ | ■ | ■ | ■ |
| | 16 Hz to 400 Hz operation | ■ | ■ | ■ | ■ | ■ |
| Max Zs display | ■ | ■ | ■ | ■ | ■ | |
| Calculated R1 + R2 display | ■ | ■ | ■ | ■ | ■ | |
| Features | Back lit display | ■ | ■ | ■ | ■ | ■ |
| | Built-in fold away cover | ■ | ■ | ■ | ■ | ■ |
| | Quick start guide in cover | ■ | ■ | ■ | ■ | ■ |
| | Test result storage | ■ | ■ | ■ | ■ | ■ |
| | Downloading of test results | ■ | ■ | ■ | ■ | ■ |
| Included accessories | Accepts rechargeable batteries | ■ | ■ | ■ | ■ | ■ |
| | Storage and carry case | ■ | ■ | ■ | ■ | ■ |
| | 2-wire lead set complete with crock clips | ■ | ■ | ■ | ■ | Optional |
| | Mains socket lead set | ■ | ■ | ■ | ■ | Optional |
| Standards | Free calibration certificate | ■ | ■ | ■ | ■ | ■ |
| | IEC61010-1 CATIV 300 V | ■ | ■ | ■ | ■ | ■ |
| | EN61557 | ■ | ■ | ■ | ■ | ■ |
| | Weather- and dust-proof to IP54 | ■ | ■ | ■ | ■ | ■ |
| | Warranty upgradeable to 3 years FREE | ■ | ■ | ■ | ■ | ■ |