

KEWTECH

FC1000

PRODUCT DATA SHEET

FC1000

16TH EDITION CALIBRATION CHECKER

- Validates your 16th edition instruments more regularly than the standard 12 month calibration period.
- Will check all makes of LOOP, RCD, and INSULATION/CONTINUITY testers, and all makes of MULTIMETERS
- Extends your calibration period through regular checking
- Avoids expensive re-tests
- Comes calibrated
- Quick and very easy to use.
- Optional FC1000 LOG to record test results including 'calibration checked' stickers.



SPECIFICATIONS

Instrument to check	Instrument Range	FC1000 Range	Expected Reading	FC1000 Specification
Loop Tester	20Ω	P-E +0.5Ω	Local Loop Ω Local Loop + 0.5Ω	Ω ± 5%
RCD Tester	Ω x 30mA 30mA 5 x 30mA	15mA / 50mA 30mA / 50mS 30mA / 50mS 15mA / 40mS	Trip 60ma No trip Trip 50ms Trip 40ms	Trips at nominal mA-5% / -10% Trip ms ± ms
Insulation Tester	200MΩ/ 1000V 20MΩ/ 500V 2MΩ/ 250V	99MΩ 9.9MΩ 1.9MΩ	99MΩ, 1000V 9.9MΩ, 500V 1.9MΩ, 250V	Ω ± 1% Volts indicator lights At nominal volts -20%
Continuity Tester	200Ω 20Ω 2Ω	99MΩ 9.9MΩ 1.9Ω	99Ω 9.9Ω 1.9Ω	Ω ± 1% + 20MΩ
DMM	600V AC 20mA AC Hz 200V DC 20mA DC		AC volts is local mains. AC current and DC values will vary with mains volts 220V 230V 240V 250V 10.0mA 10.5mA 10.9mA 11.4mA 50Hz 50Hz 50Hz 50Hz 105V 110V 115V 120V 8.1mA 8.5mA 8.8mA 9.2mA	FC1000 output Impedance is 22kΩ For AC output and 13KΩ for DC output

Warnings: Use only mains cord provided and connect to a mains outlet that is not protected by an Earth Leakage Circuit Breaker. On connection of mains, indicators will flash if P-N reversed: DO NOT USE FC1000. Use only leads with shrouded 4mm plugs to connect instruments. No user serviceable parts inside. Refer to authorised personnel.

ACCESSORIES

CALIBRATION DOCUMENTATION

- Record your test results in the FC1000 LOG
- Allows complete traceability for all checking
- Comes with 500 stickers to place on your instruments
- Quick, easy and professional way to keep a record of your testing