

DIT 400

16th Edition Digital Insulation/Continuity Tester

Insulation Test Ranges

Accuracy (Cert mode)

Test Voltage	Ranges (Auto Range)	Tolerance (@20°C)
250V	0.01 to 9.99MΩ	± 3% ± 1 digit
	10.0 to 99.9MΩ	± 3% ± 1 digit
	100 to 199MΩ	± 6% ± 1 digit
500V	0.01 to 9.99MΩ	± 3% ± 1 digit
	10.0 to 99.9MΩ	± 3% ± 1 digit
	100 to 199MΩ	± 3% ± 1 digit
1000V	200 to 500MΩ	± 6% ± 1 digit
	0.01 to 9.9MΩ	± 3% ± 1 digit
	10.0 to 99.9MΩ	± 3% ± 1 digit
	100 to 399MΩ	± 3% ± 1 digit
	400 to 999MΩ	± 6% ± 1 digit

Output Voltage (Cert and SFS mode)

Voltage	Load	Output Current	Tolerance
250	250kΩ	1mA	-0% +20%
500	500kΩ	1mA	-0% +20%
1000	1MΩ	1mA	-0% +20%
Short circuit current (in to 2kΩ)			<2mA
Typical Test Time (cert mode) (10MΩ)			<2 sec
Typical Test Time (SFS mode) (10MΩ)			<1 sec
SFS Threshold			2MΩ

Continuity Test Ranges

Accuracy (Cert mode)

Ranges (Auto Range)	Tolerance (@ 20°C)
0.00 to 9.99Ω	± 3% ± 2 digits
10.0 to 99.9Ω	± 3% ± 2 digits
100 to 999Ω	± 3% ± 2 digits
1000 to 9999Ω	± 3% ± 2 digits
Open Circuit Voltage	>4V, <10V
Short Circuit Current	>200mA
Zero offset Adjust (Test Lead Null)	2Ω
Typical Test Time (Cert mode) (2Ω)	<2 sec
Typical Test Time (SFS mode) (2Ω)	<1 sec
SFS Threshold	10Ω

Power

4 x AA alkaline batteries (not included)

Battery Life (BS EN 61557) >5000 tests @ 500V test voltage

Environmental

Operating Temperature Range	0°C to 40°C
Storage Temperature Range	-10°C to 60°C
Operating Humidity	80% @ 31°C to 50% @ 40°C
Size	157mm x 89mm x 39mm
Weight	400g