

# A320

## The World's Fastest Power Cord Tester



### Wiring & Cable

ASTA, BSI and other regulatory body requirements mean it has become standard practice to test mains powered electrical products with pre-wired cord sets which are fitted with either moulded-on or re-wireable connectors.

Clare developed the Mains Cord Test Set in response to cord set manufacturer's requirement for a production line tester that ensured 100% build integrity and the electrical safety of their product.

This instrument, when coupled with a dedicated test enclosure, provides complete test cycles in three seconds and will check Earth continuity, Line and Neutral continuity / polarity, insulation between all cores and between cores, the outer surfaces of plug tops and other fitted connectors.

The A320 Power Cord Tester can also be set for 2-core lead sets, with the Earth test being replaced by a sensing circuit to detect the presence of a 3-core lead if incorrectly loaded.



KEY FEATURES	A320
Earth / Ground bond test	■
Line and Neutral Continuity test	■
Polarity test	■
Tests automatically run	■
Lamps indicate test complete and PASS status	■
FAIL lamps	■
Manual mode for calibration	■

SPECIFICATION	
AC Flash / Hipot Test	0-2.5kV AC. between Line and Neutral conductors 0-2.5kV AC. from Line and Neutral conductors to the Earth conductor 0-5kV AC. from Line and Neutral conductors to outer surface of plug top
Earth Leakage	Monitored at Flash Test voltage nominal trip equivalent to 5 MΩ
Earth Bond Resistance	High current injection (variable 0-30A) through the Earth conductor
Continuity	Low voltage DC. through Line and Neutral conductor
Polarity	Applied simultaneously with the Continuity test

ADDITIONAL INFORMATION
<b>Supplied With</b>
Operating Manual
<b>Services</b>
Annual Service and Calibration
<b>Order Number</b>
A320