Automated Cable Tester.

NEW PRODUCT

"A Smarter, Faster Way to Test Cables"

Revolutionising Cable Testing

Designed and manufactured in the UK, IDE Systems Ltd proudly introduces its latest innovation: a fully automated cable tester that dramatically enhances the speed, accuracy, and reliability of multi-core cable testing.

A Smarter, Faster Way to Test Cables

In busy rental depots and high-demand industrial environments, testing returned cables manually can be time-consuming and error-prone. A standard 5-core cable used to take up to 5 minutes to test—often creating workflow bottlenecks and risking human oversight.

With IDE's automated cable tester, that process is now cut to just *1 minute*—and even faster for simpler 3-core cables, averaging around 30 seconds. The system's digital architecture and built-in intelligence guarantee consistent, traceable results and complete test confidence.

Key Benefits:

- Fully automated testing of multi-core cables
- Precise continuity and insulation resistance measurement
- Automatic detection of single- and three-phase cable types
- Built-in self-test functionality for added reliability
- Bright LCD display with clear, immediate pass/fail indicators
- Faster testing times:
  - 1 minute (5-core cable)
  - 30 seconds (3-core cable)
- Enables multitasking: Operators can prepare labels or manage parallel tasks during tests
- Proudly designed and manufactured in the UK

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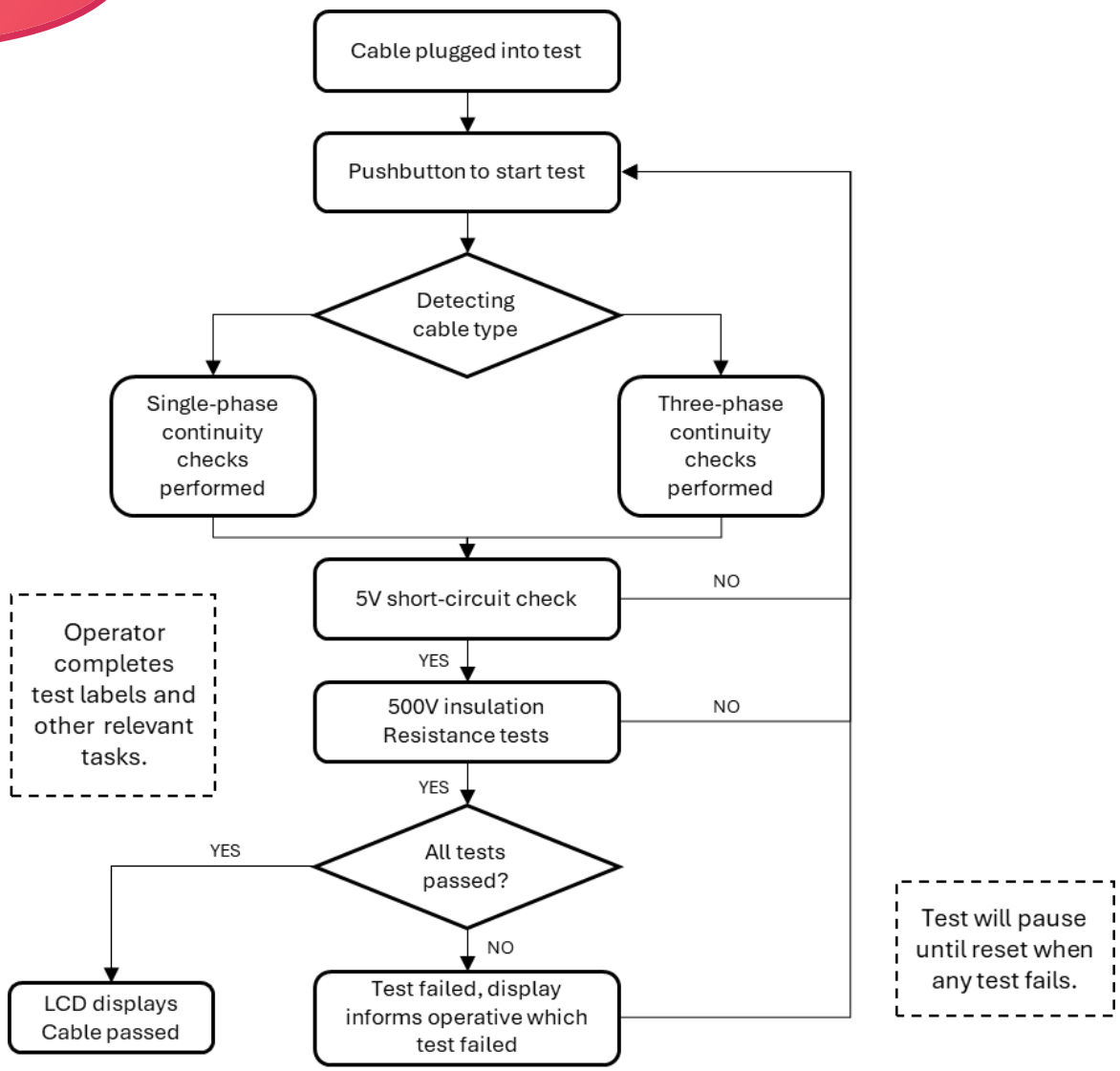
Testing Procedure



Technical Specifications	
Parameter	**Value**
Max Test Voltage	500VDC ±10%
Max Test Current	2mA
Continuity Range	0-15Ω
IR Measurement Range	500kΩ - >10MΩ
Display	16x2 RGB LCD (Backlit)
Power Supply	AC/DC wall mount Adapter 9V 18W

Warranty and regulatory compliance

Warranty and support:
CORA V.1 includes a 12-month return-to-base warranty. Full documentation and technical support are available from IDE Systems Ltd.

Compliance:
The insulation resistance test complies with the requirements set out in BS 7671 (IET Wiring Regulations) and BS EN 61557-2 for electrical safety testing equipment. A 1 MΩ minimum resistance is used as the acceptable pass criterion, consistent with industry-standard safety thresholds for 230/400V low-voltage installations.

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