

Introducing >

Equipment Hire: Electrical Power

TX Testing - OMICRON CPC 100

Electrical tests on transformers, current transformers, voltage transformers, grounding systems, lines and cables, and circuit breakers can be performed with the CPC 100. The CPC 100 is the base for multiple accessories. These facilitate further applications, such as tan delta measurements, as well as line and ground impedance measurements.

Features

- ✓ Up to 800 A or 2000 V with up to 5 kVA over a frequency range of 15 Hz - 400 Hz or 400 A DC
- ✓ Excellent interference suppression facilitates measurement of small signals
- ✓ Easy to transport (just 29 kg) - Ideal for on-site testing
- ✓ Testing templates, automatically generated testing procedures and test reports
- ✓ Up to 2000 A or 12 kV through use of current or voltage amplifiers



TX Testing - OMICRON CP TD 1



Features

- ✓ Testing at variable frequencies - better diagnosis of signs of ageing in insulation
- ✓ Simple transport thanks to trolley - heaviest component just 29 kg
- ✓ Excellent suppression of mains frequency interference fields
- ✓ Automated testing - via PC using the Primary Test Manager software or via the user interface of the CPC 100 (includes testing templates)
- ✓ Reporting - Detailed analysis with trend displays and graphics

TX Testing - OMICRON FRANALYZER

The FRAnalyzer (Frequency Response Analyzer) was developed for testing the integrity of power transformers after transportation or occurrence of high currents. The FRAnalyzer uses the SFRA principle (Sweep Frequency Response Analysis) and measures the electrical transfer function in a wide frequency range.

Technical Data

- ✓ Reproducible results thanks to innovative connection technology
- ✓ Extremely small and compact device (< 1.8 kg / 4 lbs)
- ✓ Wide dynamic measuring range (> 120 dB)
- ✓ Fast measurement times (around 30 seconds per measurement)



Electrical Power

Cable Testing

CB Testing

CT Testing

Ductor Testing

Earth Testing

IR Testing

Line Testing

Phase Rotation Testing

Relay Testing

TX Testing

VT Testing

Thermal Testing

Power Supplies