

Introducing >

# Equipment Hire: Electrical Power



## Earth Testing - OMICRON CPC 100 Earth Testing

Electrical tests on transformers, current transformers, voltage transformers, grounding systems, lines and cables, and circuit breakers can be performed with the CPC 100.

### Key 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

## 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

### Applications

- ✓ Current transformers (CT)
- ✓ Ratio, burden and polarity
- ✓ Phase and magnitude error
- ✓ Excitation curve
- ✓ Winding resistance
- ✓ Secondary burden
- ✓ Dielectric withstand voltage (2 kV AC)
- ✓ CT circuit continuity

### Transformers

- ✓ Ratio
- ✓ Winding resistance
- ✓ Tap changer test

### Voltage transformers (VT)

- ✓ Ratio, burden and polarity
- ✓ Phase and magnitude error
- ✓ Excitation curve
- ✓ Winding resistance
- ✓ Secondary burden
- ✓ Dielectric withstand voltage (2 kV AC)
- ✓ VT circuit continuity