

Introducing >

# Equipment Hire: Electrical Power

## VT 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 patented test system replaces several individual testing devices and offers new, innovative testing methods. 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



## VT Testing - OMICRON CP TD1

Combined with the CPC 100, the CP TD1 measures the capacitance and dissipation factor (power factor) with laboratory precision.

This allows the insulation condition of transformers, generators and other parts of high-voltage systems to be tested according to IEEE 62 (C57.152), IEC 60076-1 and -3, as well as the CIGRE "Guide for Transformer Maintenance". As recommended in the CIGRE Guide, testing is performed at variable frequencies to better diagnose signs of ageing in insulation.

The portable test system (max. 29 kg per component) can also generate output voltages of up to 12 kV.

### 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



## 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