

# CPC 100 + CP TD15 + CP CR600

## Powerful 15 kV test solution for rotating machines

The established CPC 100 combined with the latest generation of accessories, CP TD15 and CP CR600, allows you to test the insulation of generators and motors. With CPC 100 + CP TD15 + CP CR600 you can measure the following electrical parameters:

- > Capacitance and power/dissipation factor
- > Voltage withstand
- > DC winding resistance
- > Contact resistance

Additionally, you can use the system as a high-voltage source for partial discharge measurements on rotating machines.

### Powerful solution

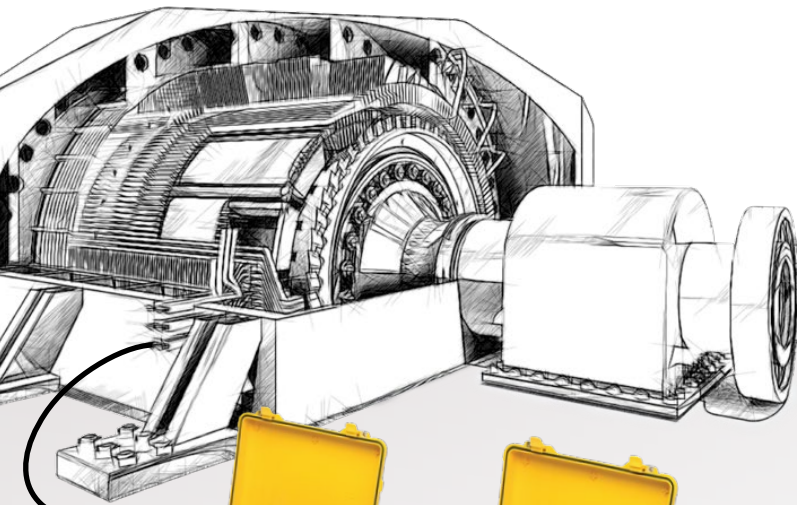
The CP TD15 combines a high-voltage booster and a high-precision power/dissipation factor measurement module, and generates test voltages up to 15 kV. The additional CP CR600 compensation reactor allows testing of rotating machines and other assets with very high capacitances up to 1  $\mu\text{F}$ .

### Easy to transport

Due to its compact and lightweight design and its modular concept, the system is ideal for on-site testing in various locations, particularly in areas with less space and limited access such as rotating machines on ships or wind turbines.

### Intuitive and safe test setup

The intuitive and easy connection concept makes testing faster than before. All modules of this solution can be placed in the working area and only a long high-voltage cable safely connects the test system to the test object. This is especially helpful for situations where the test object is hard to reach.



#### CP CR600

Voltage: 15 kV  
 Inductance: 25 H, 50 H, 100 H  
 Weight: 48 kg / 106 lbs

#### CPC 100

Frequency: 15 ... 400 Hz  
 Weight: 29 kg / 64 lbs

#### CP TD15

Voltage: 15 kV  
 Current: 300 mA  
 Weight: 24 kg / 53 lbs

OMICRON is an international company that works passionately on ideas for making electric power systems safe and reliable. Our pioneering solutions are designed to meet our industry's current and future challenges. We always go the extra mile to empower our customers: we react to their needs, provide extraordinary local support, and share our expertise.

Within the OMICRON group, we research and develop innovative technologies for all fields in electric power systems. When it comes to electrical testing for medium- and high-voltage equipment, protection testing, digital substation testing solutions, and cybersecurity solutions, customers all over the world trust in the accuracy, speed, and quality of our user-friendly solutions.

Founded in 1984, OMICRON draws on their decades of profound expertise in the field of electric power engineering. A dedicated team of more than 900 employees provides solutions with 24/7 support at 25 locations worldwide and serves customers in more than 160 countries.

For more information, additional literature, and detailed contact information of our worldwide offices please visit our website.

