# TESTRANO 600 ordering information

## TESTRANO 600 packages

All packages are delivered by default with the Primary Test Manager™ Standard software. Find advanced control options in the corresponding section.

<table>
<thead>
<tr>
<th></th>
<th>TESTRANO 600 Basic Package</th>
<th>TESTRANO 600 Standard Package</th>
<th>TESTRANO 600 Advanced Package</th>
<th>TESTRANO 600 Universal Package</th>
</tr>
</thead>
<tbody>
<tr>
<td>PTM Standard software license, including manual control mode and report generator</td>
<td>■</td>
<td>■</td>
<td>■</td>
<td>■</td>
</tr>
<tr>
<td>Quick test</td>
<td>■</td>
<td>■</td>
<td>■</td>
<td>■</td>
</tr>
<tr>
<td>Transformer turns ratio (TTR) / exciting current</td>
<td>■</td>
<td>■</td>
<td>■</td>
<td>■</td>
</tr>
<tr>
<td>DC winding resistance</td>
<td>■</td>
<td>■</td>
<td>■</td>
<td>■</td>
</tr>
<tr>
<td>Demagnetization</td>
<td>■</td>
<td>■</td>
<td>■</td>
<td>■</td>
</tr>
<tr>
<td>Short-circuit impedance / leakage reactance</td>
<td>—</td>
<td>■</td>
<td>■</td>
<td>■</td>
</tr>
<tr>
<td>Frequency response of stray losses (FRSL)</td>
<td>—</td>
<td>■</td>
<td>■</td>
<td>■</td>
</tr>
<tr>
<td>Power / dissipation factor and capacitance (inkl. CP TD12 and its accessories)</td>
<td>—</td>
<td>—</td>
<td>■</td>
<td>■</td>
</tr>
<tr>
<td>OLTC scan / dynamic resistance measurement (DRM)</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>■</td>
</tr>
<tr>
<td>Vector group check</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>■</td>
</tr>
<tr>
<td>Cooldown test</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>Power losses at low voltage</td>
<td>■</td>
<td>■</td>
<td>■</td>
<td>■</td>
</tr>
</tbody>
</table>

**Ordering numbers**
- VE000701
- VE000702
- VE000707
- VE000708

■ included  — not included

## Advanced control options

<table>
<thead>
<tr>
<th>Description</th>
<th>Ordering No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>TESTRANO 600 TouchControl (for new device) TSTRANO 600 TouchControl featuring an integrated 10.6&quot; color touch display</td>
<td>VEH00700</td>
</tr>
<tr>
<td>TESTRANO 600 TouchControl (retrofit option) TSTRANO 600 TouchControl featuring an integrated 10.6&quot; color touch display</td>
<td>VEH00701</td>
</tr>
<tr>
<td>PTM Advanced software license License for PC software upgrade adding guided workflow, customized test plans, automatic assessment, graphical comparison and trending</td>
<td>VESM0703</td>
</tr>
</tbody>
</table>
Upgrade options

<table>
<thead>
<tr>
<th>Description</th>
<th>Ordering No.</th>
</tr>
</thead>
<tbody>
<tr>
<td><em>Short-circuit impedance / leakage reactance</em> module</td>
<td>VESM0701</td>
</tr>
<tr>
<td>Software license upgrade to perform short-circuit impedance / leakage reactance tests and frequency response of stray losses (FRSL)</td>
<td></td>
</tr>
<tr>
<td><em>OLTC scan and transient recording</em> module</td>
<td>VESM0702</td>
</tr>
<tr>
<td>Software license upgrade to perform dynamic resistance measurements (DRM) including motor current recording for OLTC</td>
<td></td>
</tr>
<tr>
<td><em>Power losses at low voltage</em> module</td>
<td>VESM0704</td>
</tr>
<tr>
<td>Software licence to perform power loss at low voltage tests according to GOST 3484.1 standard</td>
<td></td>
</tr>
<tr>
<td><em>Vector group check</em> module</td>
<td>VESM0705</td>
</tr>
<tr>
<td>Software licence to automatically determine the vector group of the transformer</td>
<td></td>
</tr>
<tr>
<td><em>Cooldown test</em> module</td>
<td>VESM0706</td>
</tr>
<tr>
<td>Software license to perform cooldown tests</td>
<td></td>
</tr>
<tr>
<td>CP TD12 upgrade option</td>
<td>VE000638</td>
</tr>
<tr>
<td>Upgrade option to expand your existing TESTRANO 600 to a power / dissipation factor test system</td>
<td></td>
</tr>
</tbody>
</table>

PTM software options

<table>
<thead>
<tr>
<th>Description</th>
<th>Ordering No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>PTM DataSync module &quot;On Premises&quot;</td>
<td>VESM0677</td>
</tr>
<tr>
<td>Easy data synchronization of a local database with a Primary Test Manager™ server database. License fee depending on the number of users:</td>
<td></td>
</tr>
<tr>
<td>&gt; For up to 3 users</td>
<td>VESM0678</td>
</tr>
<tr>
<td>&gt; For up to 10 users</td>
<td>VESM0679</td>
</tr>
<tr>
<td>&gt; For up to 25 users</td>
<td>VESM0680</td>
</tr>
<tr>
<td>&gt; For 1 additional user</td>
<td></td>
</tr>
<tr>
<td>PTM DataSync module &quot;Web&quot;</td>
<td>VESM0681</td>
</tr>
<tr>
<td>Easy data synchronization of a local database with the Primary Test Manager™ cloud. License fee depending on the number of users and just valid for one year:</td>
<td></td>
</tr>
<tr>
<td>&gt; For up to 3 users</td>
<td>VESM0682</td>
</tr>
<tr>
<td>&gt; For up to 10 users</td>
<td>VESM0683</td>
</tr>
<tr>
<td>&gt; For up to 25 users</td>
<td>VESM0684</td>
</tr>
<tr>
<td>&gt; For 1 additional user</td>
<td></td>
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</tbody>
</table>
## TESTRANO 600 ordering information

### Packages

<table>
<thead>
<tr>
<th>Ordering No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>VE000701</td>
<td>TESRANO 600 Basic Package</td>
</tr>
</tbody>
</table>

#### Hardware
- 1 x TESRANO 600 test unit

#### Software
- 1 x PTM Standard software
- 1 x Software licence for quick test
- 1 x Software licence for transformer turns ratio (TTR) / exciting current
- 1 x Software licence for DC winding resistance
- 1 x Software licence for demagnetization
- 1 x Software licence for power losses at low voltage
- 1 x User manual / Getting started / Installation CD

#### Cables and accessories
- 4 x Kelvin clamp red
- 4 x Kelvin clamp black
- 2 x Kelvin clamp (3 x 4 mm connector red, 1 x 4 mm connector black)
- 1 x Grounding cable 6 mm² (6 m / 19.5 ft.)
- 1 x HV cable (15 m / 49 ft.)
- 1 x LV cable (15 m / 49 ft.)
- 1 x Tap changer cable (15 m / 49 ft.)
- 1 x Ethernet PC connection cable (3 m / 10 ft.)
- 1 x Power cord
- 1 x TESRANO 600 transport case
- 1 x Soft bag for TESRANO 600 accessories
- 1 x Calibration / Test certificate
## Packages

<table>
<thead>
<tr>
<th>Ordering No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td><strong>Hardware</strong></td>
</tr>
<tr>
<td>1</td>
<td><strong>Software</strong></td>
</tr>
<tr>
<td>1</td>
<td><strong>Cables and accessories</strong></td>
</tr>
</tbody>
</table>

### Hardware
- 1 x TESTRANO 600 test unit

### Software
- 1 x PTM Standard software
- 1 x Software licence for quick test
- 1 x Software licence for transformer turns ratio (TTR) / exciting current
- 1 x Software licence for DC winding resistance
- 1 x Software licence for demagnetization
- 1 x Software licence for short-circuit impedance / leakage reactance and frequency response of stray losses (FRSL)
- 1 x Software licence for power losses at low voltage
- 1 x User manual / Getting started / Installation CD

### Cables and accessories
- 4 x Kelvin clamp red
- 4 x Kelvin clamp black
- 2 x Kelvin clamp (3 x 4 mm connector red, 1 x 4 mm connector black)
- 1 x Grounding cable 6 mm² (6 m / 19.5 ft)
- 1 x HV cable (15 m / 49 ft)
- 1 x LV cable (15 m / 49 ft)
- 1 x Tap changer cable (15 m / 49 ft)
- 1 x Ethernet PC connection cable (3 m / 10 ft)
- 1 x Power cord
- 1 x TESTRANO 600 transport case
- 1 x Soft bag for TESTRANO 600 accessories
- 1 x Calibration / Test certificate
# TESTRANO 600 ordering information

## Packages

<table>
<thead>
<tr>
<th>Ordering No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>VE000707</td>
<td>TESRANO 600 Advanced Package</td>
</tr>
</tbody>
</table>

**Hardware**
- 1 × TESRANO 600 test unit
- 1 × CP TD12 hardware

**Software**
- 1 × PTM Standard software
- 1 × Software licence for quick test
- 1 × Software licence for transformer turns ratio (TTR) / exciting current
- 1 × Software licence for DC winding resistance
- 1 × Software licence for demagnetization
- 1 × Software licence for short-circuit impedance / leakage reactance and frequency response of stray losses (FRSL)
- 1 × Software licence for power / dissipation factor and capacitance
- 1 × Software licence for power losses at low voltage
- 1 × User manual / Getting started / Installation CD

**Cables and accessories**
- 4 × Kelvin clamp red
- 4 × Kelvin clamp black
- 2 × Kelvin clamp (3 × 4 mm connector red, 1 × 4 mm connector black)
- 1 × Grounding cable 6 mm² (6 m / 19.5 ft.)
- 1 × HV cable (15 m / 49 ft.)
- 1 × LV cable (15 m / 49 ft.)
- 1 × Tap changer cable (15 m / 49 ft.)
- 1 × Ethernet PC connection cable (3 m / 10 ft.)
- 1 × Power cord
- 1 × CP Trolley
- 1 × TESRANO 600 transport case
- 1 × Soft bag for TESRANO 600 accessories
- 1 × CP TD accessories set
- 1 × CP TD transport case
- 1 × Calibration / Test certificate
## Packages

<table>
<thead>
<tr>
<th>Ordering No.</th>
<th>Description</th>
</tr>
</thead>
</table>
| TESTRANO 600 Universal Package VE000708 | **Hardware**
1 × TESTRANO 600 test unit
1 × CP TD12 hardware

**Software**
1 × PTM Standard software
1 × Software licence for quick test
1 × Software licence for transformer turns ratio (TTR) / exciting current
1 × Software licence for DC winding resistance
1 × Software licence for demagnetization
1 × Software licence for short-circuit impedance / leakage reactance and frequency response of stray losses (FRLS)
1 × Software licence for dynamic resistance measurement (DRM)
1 × Software licence for power / dissipation factor and capacitance
1 × Software licence for power losses at low voltage
1 × Software licence for vector group check
1 × User manual / Getting started / Installation CD

**Cables and accessories**
4 × Kelvin clamp red
4 × Kelvin clamp black
2 × Kelvin clamp
   (3 × 4 mm connector red, 1 × 4 mm connector black)
1 × Grounding cable 6 mm² (6 m / 19.5 ft.)
1 × HV cable (15 m / 49 ft.)
1 × LV cable (15 m / 49 ft.)
1 × Tap changer cable (15 m / 49 ft.)
1 × Ethernet PC connection cable (3 m / 10 ft.)
1 × Power cord
1 × CP Trolley
1 × TESTRANO 600 transport case
1 × Soft bag for TESTRANO 600 accessories
1 × CP TD accessories set
1 × CP TD transport case
1 × Calibration / Test certificate
TESTRANO 600 ordering information

### Hardware

<table>
<thead>
<tr>
<th>Order no.</th>
<th>Description</th>
<th>TESTRANO 600 Basic Package</th>
<th>TESTRANO 600 Standard Package</th>
<th>TESTRANO 600 Advanced Package</th>
<th>TESTRANO 600 Universal Package</th>
<th>CP TD12 Upgrade Option</th>
</tr>
</thead>
<tbody>
<tr>
<td>TES000000</td>
<td>Three-phase test system TESTRANO 600 &gt; HV, LV and tap changer cable &gt; Software and accessories according to TESTRANO 600 package overview</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>VE000638</td>
<td>CP TD12 capacitance and tan δ test unit &gt; CP TD accessories &gt; Foldable trolley</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

### Accessories

<table>
<thead>
<tr>
<th>Order no.</th>
<th>Description</th>
<th>TESTRANO 600 Basic Package</th>
<th>TESTRANO 600 Standard Package</th>
<th>TESTRANO 600 Advanced Package</th>
<th>TESTRANO 600 Universal Package</th>
<th>CP TD12 Upgrade Option</th>
</tr>
</thead>
<tbody>
<tr>
<td>VEHK0615</td>
<td>Grounding cable 6 mm² (6 m / 19.5 ft.)</td>
<td>1x</td>
<td>1x</td>
<td>1x</td>
<td>1x</td>
<td>-</td>
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<tr>
<td>VEHK0616</td>
<td>Power cord (EU, Middle East) 3 x 1.5 mm², 2.5 m / 8.20 ft, VII</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>VEHK0620</td>
<td>Power cord (ZA, IN, NA) 3 x 1.5 mm², 2.5 m / 8.20 ft, ZA/3</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>VEHK0621</td>
<td>Power cord (open end) 3 x 1.5 mm², 2.5 m / 8.20 ft, open ends</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>VEHK0629</td>
<td>Power cord set NEMA 15 A and open end</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>VEHK0700</td>
<td>High-voltage (HV) cable (15 m / 49 ft)</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>VEHK0701</td>
<td>Low-voltage (LV) cable (15 m / 49 ft)</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
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<tr>
<td>VEHK0704</td>
<td>HV cable extension package (6 m / 19.7 ft)</td>
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<td>-</td>
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<td>-</td>
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<tr>
<td>VEHK0705</td>
<td>LV cable extension package (6 m / 19.7 ft)</td>
<td>-</td>
<td>-</td>
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<td>-</td>
</tr>
<tr>
<td>VEHK4008</td>
<td>Tap changer cable (15 m / 49 ft)</td>
<td>-</td>
<td>-</td>
<td>-</td>
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</tbody>
</table>

* Only one power cord with country-specific plug or open end is included per package

- included  - not included
# TESTRANO 600 ordering information

## Accessories

<table>
<thead>
<tr>
<th>Order no.</th>
<th>Description</th>
<th>TESRANO 600 Basic Package</th>
<th>TESRANO 600 Standard Package</th>
<th>TESRANO 600 Advanced Package</th>
<th>TESRANO 600 Universal Package</th>
<th>CP TD12 Upgrade Option</th>
</tr>
</thead>
<tbody>
<tr>
<td>VEHZ0792</td>
<td>Measurement capacitance MCA1 for transformer turns ratio test up to 12 kV using CP TD12</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
</tr>
<tr>
<td>VEHZ4000</td>
<td>C-Probe 1 current clamp (23 cm / 9.1 in, 10 A and 80 A measuring ranges, DC to 10 kHz frequency range)</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
</tr>
<tr>
<td>VEHZ0699</td>
<td>Bushing adapters and accessories set</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
</tr>
<tr>
<td>VEH50006</td>
<td>Solid terminal adapters (12 pcs)</td>
<td>–</td>
<td>–</td>
<td>■</td>
<td>■</td>
<td>■</td>
</tr>
<tr>
<td>VEHZ0688</td>
<td>3-Position remote safety switch Remote safety switch with connection cable (15 m / 49.2 ft)</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
</tr>
<tr>
<td>VEHZ0597</td>
<td>CP trolley Comfortable trolley for single person operation in the field with dissipation/power factor test system</td>
<td>–</td>
<td>–</td>
<td>■</td>
<td>■</td>
<td>■</td>
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<tr>
<td>VEHZ0591</td>
<td>CP TD accessories set</td>
<td>–</td>
<td>–</td>
<td>■</td>
<td>■</td>
<td>■</td>
</tr>
<tr>
<td>VEHZ0679</td>
<td>Kelvin clamp red</td>
<td>4 x</td>
<td>4 x</td>
<td>4 x</td>
<td>4 x</td>
<td>–</td>
</tr>
<tr>
<td>VEHZ0773</td>
<td>Kelvin clamp black</td>
<td>4 x</td>
<td>4 x</td>
<td>4 x</td>
<td>4 x</td>
<td>–</td>
</tr>
<tr>
<td>VEHZ0913</td>
<td>Kelvin clamp, 3 x 4 mm connector red, 1 x 4 mm connector black</td>
<td>2 x</td>
<td>2 x</td>
<td>2 x</td>
<td>2 x</td>
<td>–</td>
</tr>
<tr>
<td>VEHZ0620</td>
<td>Crocodile clamps for connection of the banana plugs, 4 mm / 0.16 in (2 x red and 2 x black)</td>
<td>■</td>
<td>■</td>
<td>■</td>
<td>■</td>
<td>■</td>
</tr>
<tr>
<td>VEHZ0678</td>
<td>Hot collar band</td>
<td>–</td>
<td>–</td>
<td>2 x</td>
<td>2 x</td>
<td>2 x</td>
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</tbody>
</table>

■ included  — not included
# Transport accessories

<table>
<thead>
<tr>
<th>Order no.</th>
<th>Description</th>
<th>TESTRANO 600 Basic Package</th>
<th>TESTRANO 600 Standard Package</th>
<th>TESTRANO 600 Advanced Package</th>
<th>TESTRANO 600 Universal Package</th>
<th>CP TD12 Upgrade Option</th>
</tr>
</thead>
<tbody>
<tr>
<td>VEHP0089</td>
<td>Transport case with wheels for CP TD12 and CP TD accessories</td>
<td></td>
<td>■</td>
<td>■</td>
<td>■</td>
<td>■</td>
</tr>
<tr>
<td>VEHP0074</td>
<td>Soft bag for TESTRANO 600 accessories</td>
<td>■</td>
<td>■</td>
<td>■</td>
<td>■</td>
<td>—</td>
</tr>
<tr>
<td>VEHP0075</td>
<td>TESTRANO 600 transport case</td>
<td>■</td>
<td>■</td>
<td>■</td>
<td>■</td>
<td>—</td>
</tr>
<tr>
<td>VEHP0076</td>
<td>Transport case for TESTRANO 600 accessories</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
</tr>
</tbody>
</table>
# TESTRANO 600 ordering information

## Safety accessories

<table>
<thead>
<tr>
<th>Order no.</th>
<th>Description</th>
<th>TESTRANO 600 Basic Package</th>
<th>TESTRANO 600 Standard Package</th>
<th>TESTRANO 600 Advanced Package</th>
<th>TESTRANO 600 Universal Package</th>
<th>CPTD12 Upgrade Option</th>
</tr>
</thead>
<tbody>
<tr>
<td>VEHZ0717</td>
<td>SAA2 Warning Lamp Set – Basic Package&lt;br&gt;Slim package with one lamp in a small transportation case, including&lt;br&gt;1 x SAA2 control unit&lt;br&gt;1 x signal lamp&lt;br&gt;1 x transport case for 1 signal lamp</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
</tr>
<tr>
<td>VEHZ0718</td>
<td>SAA2 Warning Lamp Set – Standard Package&lt;br&gt;Configurable package for up to 4 lamps in one transport case, including&lt;br&gt;1 x SAA2 control unit&lt;br&gt;1 x signal lamp&lt;br&gt;1 x transport case for 4 signal lamps</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
</tr>
<tr>
<td>VEHZ0719</td>
<td>SAA2 Extension Kit 1 Signal Lamp&lt;br&gt;Extension kit to configure the Standard Package, including&lt;br&gt;1 x signal lamp&lt;br&gt;1 x connection cable</td>
<td>–</td>
<td>–</td>
<td>–</td>
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</tr>
</tbody>
</table>

[![SAA2 Warning Lamp Set – Basic Package](image1.png)](image1.png)

[![SAA2 Warning Lamp Set – Standard Package](image2.png)](image2.png)

[![SAA2 Extension Kit 1 Signal Lamp](image3.png)](image3.png)
OMICRON is an international company serving the electrical power industry with innovative testing and diagnostic solutions. The application of OMICRON products allows users to assess the condition of the primary and secondary equipment on their systems with complete confidence. Services offered in the area of consulting, commissioning, testing, diagnosis and training make the product range complete.

Customers in more than 160 countries rely on the company’s ability to supply leading-edge technology of excellent quality. Service centers on all continents provide a broad base of knowledge and extraordinary customer support. All of this together with our strong network of sales partners is what has made our company a market leader in the electrical power industry.

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

www.omicronenergy.com