

TESTRANO 600 ordering information

TESTRANO 600 packages

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

	TESTRANO 600 Basic Package	TESTRANO 600 Standard Package	TESTRANO 600 Advanced package	TESTRANO 600 Universal Package
PTM Standard software license, including manual control mode and report generator	■	■	■	■
Quick test	■	■	■	■
Transformer turns ratio (TTR) / exciting current	■	■	■	■
DC winding resistance	■	■	■	■
Demagnetization	■	■	■	■
Short-circuit impedance / leakage reactance	–	■	■	■
Frequency response of stray losses (FRSL)	–	■	■	■
Power / dissipation factor and capacitance (inkl. CP TD12 and its accessories)	–	–	■	■
OLTC scan / dynamic resistance measurement (DRM)	–	–	–	■
Vector group check	–	–	–	■
Cooldown test	–	–	–	–
Power losses at low voltage	■	■	■	■
Ordering numbers	VE000701	VE000702	VE000707	VE000708

■ included – not included

Advanced control options

	Description	Ordering No.
TESTRANO 600 TouchControl (for new device)	TESTRANO 600 TouchControl featuring an integrated 10.6" color touch display	VEHO0700
TESTRANO 600 TouchControl (retrofit option)	TESTRANO 600 TouchControl featuring an integrated 10.6" color touch display	VEHO0701
PTM Advanced software license	License for PC software upgrade adding guided workflow, customized test plans, automatic assessment, graphical comparison and trending	VESM0703

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Upgrade options

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

PTM software options

	Description	Ordering No.
PTM DataSync module "On Premises"	Easy data synchronization of a local database with a Primary Test Manager™ server database. License fee depending on the number of users:	> For up to 3 users
		> For up to 10 users
		> For up to 25 users
		> For 1 additional user
PTM DataSync module "Web"	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:	> For up to 3 users
		> For up to 10 users
		> For up to 25 users
		> For 1 additional user

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	Ordering No.	Description
TESTRANO 600 Basic Package	VE000701	<p>Hardware</p> <ul style="list-style-type: none"> 1 × TESTRANO 600 test unit <p>Software</p> <ul style="list-style-type: none"> 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 power losses at low voltage 1 × User manual / Getting started / Installation CD <p>Cables and accessories</p> <ul style="list-style-type: none"> 4 × Kelvin clamp red 4 × Kelvin clamp black 2 × Kelvin clamp <ul style="list-style-type: none"> (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 × TESTRANO 600 transport case 1 × Soft bag for TESTRANO 600 accessories 1 × Calibration / Test certificate



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	Ordering No.	Description
TESTRANO 600 Standard Package	VE000702	<p>Hardware</p> <p>1 × TESTRANO 600 test unit</p> <p>Software</p> <p>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 losses at low voltage 1 × User manual / Getting started / Installation CD</p> <p>Cables and accessories</p> <p>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 × TESTRANO 600 transport case 1 × Soft bag for TESTRANO 600 accessories 1 × Calibration / Test certificate</p>




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	Ordering No.	Description
	VE000707	<p>Hardware</p> <ul style="list-style-type: none"> 1 × TESTRANO 600 test unit 1 × CP TD12 hardware <p>Software</p> <ul style="list-style-type: none"> 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 <p>Cables and accessories</p> <ul style="list-style-type: none"> 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



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	Ordering No.	Description
	VE000708	<p>Hardware</p> <ul style="list-style-type: none"> 1 × TESTRANO 600 test unit 1 × CP TD12 hardware <p>Software</p> <ul style="list-style-type: none"> 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 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 <p>Cables and accessories</p> <ul style="list-style-type: none"> 4 × Kelvin clamp red 4 × Kelvin clamp black 2 × Kelvin clamp <ul style="list-style-type: none"> (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

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Hardware

Order no.	Description	TESTRANO 600 Basic Package	TESTRANO 600 Standard Package	TESTRANO 600 Advanced Package	TESTRANO 600 Universal Package	CP TD12 Upgrade Option
	TESTRANO 600 > Three-phase test system TESTRANO 600 > HV, LV and tap changer cable > Software and accessories according to TESTRANO 600 package overview	■	■	■	■	—
VE000638 	CP TD12 > CP TD12 capacitance and tan δ test unit > CP TD accessories > Foldable trolley	—	—	■	■	■

Accessories

Order no.	Description	TESTRANO 600 Basic Package	TESTRANO 600 Standard Package	TESTRANO 600 Advanced Package	TESTRANO 600 Universal Package	CP TD12 Upgrade Option
 VEHK0615	Grounding cable 6 mm ² (6 m / 19.5 ft.)	1 ×	1 ×	1 ×	1 ×	—
 VEHK0616	Power cord (EU, Middle East) 3 × 1.5 mm ² , 2.5 m / 8.20 ft, VII	■*	■*	■*	■*	—
 VEHK0620	Power cord (ZA, IN, NA) 3 × 1.5 mm ² , 2.5 m / 8.20 ft, ZA/3	■*	■*	■*	■*	—
 VEHK0621	Power cord (open end) 3 × 1.5 mm ² , 2.5 m / 8.20 ft, open ends	■*	■*	■*	■*	—
 VEHK0629	Power cord set NEMA 15 A and open end	■*	■*	■*	■*	—
 VEHK0700	High-voltage (HV) cable (15 m / 49 ft)	■	■	■	■	—
 VEHK0701	Low-voltage (LV) cable (15 m / 49 ft)	■	■	■	■	—
 VEHK0704	HV cable extension package (6 m / 19.7 ft)	—	—	—	—	—
 VEHK0705	LV cable extension package (6 m / 19.7 ft)	—	—	—	—	—
 VEHK4008	Tap changer cable (15 m / 49 ft)	■	■	■	■	—

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

■ included — not included

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Accessories

	Order no.	Description	TESTRANO 600 Basic Package	TESTRANO 600 Standard Package	TESTRANO 600 Advanced Package	TESTRANO 600 Universal Package	CP TD12 Upgrade Option
	VEHZ0792	Measurement capacitance MCA1 for transformer turns ratio test up to 12 kV using CP TD12	–	–	–	–	–
	VEHZ4000	C-Probe 1 current clamp (23 cm / 9.1 in, 10 A and 80 A measuring ranges, DC to 10 kHz frequency range)	–	–	–	–	–
	VEHZ0699	Bushing adapters and accessories set	–	–	–	–	–
	VEHS0006	Solid terminal adapters (12 pcs)	–	–	■	■	■
	VEHZ0688	3-Position remote safety switch Remote safety switch with connection cable (15 m / 49.2 ft)	–	–	–	–	–
	VEHZ0597	CP trolley Comfortable trolley for single person operation in the field with dissipation/power factor test system	–	–	■	■	■
	VEHZ0591	CP TD accessories set	–	–	■	■	■
	VEHZ0679	Kelvin clamp red	4 ×	4 ×	4 ×	4 ×	–
	VEHZ0773	Kelvin clamp black	4 ×	4 ×	4 ×	4 ×	–
	VEHZ0913	Kelvin clamp, 3 × 4 mm connector red, 1 × 4 mm connector black	2 ×	2 ×	2 ×	2 ×	–
	VEHZ0620	Crocodile clamps for connection of the banana plugs, 4 mm / 0.16 in (2 × red and 2 × black)	■	■	■	■	■
	VEHZ0678	Hot collar band	–	–	2 ×	2 ×	2 ×

■ included – not included

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Transport accessories

	Order no.	Description	TESTRANO 600 Basic Package	TESTRANO 600 Standard Package	TESTRANO 600 Advanced Package	TESTRANO 600 Universal Package	CP TD12 Upgrade Option
	VEHP0089	Transport case with wheels for CP TD12 and CP TD accessories	–	–	■	■	■
	VEHP0074	Soft bag for TESTRANO 600 accessories	■	■	■	■	–
	VEHP0075	TESTRANO 600 transport case	■	■	■	■	–
	VEHP0076	Transport case for TESTRANO 600 accessories	–	–	–	–	–

■ included – not included

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Safety accessories

Order no.	Description	TESTRANO 600 Basic Package	TESTRANO 600 Standard Package	TESTRANO 600 Advanced Package	TESTRANO 600 Universal Package	CP TD12 Upgrade Option
 VEHZ0717	SAA2 Warning Lamp Set – Basic Package Slim package with one lamp in a small transportation case, including > 1 x SAA2 control unit > 1 x signal lamp > 1 x transport case for 1 signal lamp	–	–	–	–	–
VEHZ0718	SAA2 Warning Lamp Set – Standard Package Configurable package for up to 4 lamps in one transport case, including > 1 x SAA2 control unit > 1 x signal lamp > 1 x transport case for 4 signal lamps	–	–	–	–	–
 VEHZ0719	SAA2 Extention Kit 1 Signal Lamp Extension kit to configure the Standard Package, including > 1 x signal lamp > 1 x connection cable	–	–	–	–	–

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.