NET**X**PERT XG2*plus*

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Performance tester up to 10Gb/s for all Ethernet applications

The NetXpert XG2-PLUS combination model offers comprehensive active and passive network testing up to 10Gb/s on copper and fiber cabling, for installation, commissioning and troubleshooting. The unique combination of four measurement methods ensures highest reliability of the results is achieved.

For the qualification of copper links, one main and one end device are used. The qualification of fiber optic links requires two main devices.

MODEL	Active network tests				Passive qualification		
	1 Gb/s	**2.5/5** Gb/s	**10** Gb/s	**WLAN**	**1** Gb/s	**2.5/5** Gb/s	**10** Gb/s
XG2-PLUS Article number: **226735**	CU FO	CU	CU FO	📶	CU FO	CU	CU FO

CU Copper   FO Fiber Optic (1 Gb/s and 10Gb/s via SPF ports)   📶 Wi-Fi

SCOPE OF DELIVERY

- 2 NetXpert XG2 main devices
- 1 Active Remote
- 3 Power supply
- 2 RJ45 Cat 6A test cables, shielded
- 2 OM4 LC-Duplex multimode test cables

- 2 OS2 LC-Duplex singlemode test cable
- 1 Copper and 2 fiber optic couplings
- 1 Hard-shell case
- 1 Quick start guide
- 2 Upgrade licenses per main device

(Please order SFP modules separately)

IT Networks

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OPTIONAL ACCESSORIES

Extension kits

226538 — Remote Kit – single NetXpert XG2 Active Remote for copper qualification

Warranty extension

229888 — NetXpert XG2 series warranty extension from 12 months to 36 months

Fiber optic accessories

400986 — SFP+ Module, Singlemode, 10GBASE-LR/LW

400985 — SFP+ Module, Multimode, 10GBASE-SR/SW

400982 — SFP Module, Singlemode, 1000BASE-LX

400984 — SFP Module, Multimode, 1000BASE-SX

General accessories

226581 — RJ45 Remote Identifier Set (24 pcs, #1 - #24)

226745 — 2 x RJ45 exchange socket XG2 for main and remote device

226528 — Link/Cable Identifier Set (8 pcs, #1 - #8)

226539 — Fiber optic microscope for inspection of connector end faces

Industrial accessories

226630 — E2E measuring cable RJ45 to Harting preLink® system (1 pc)

228154 — RJ45 interchangeable plug for Harting preLink® system, IP20 CAT 6$_A$ (1 pc)

228155 — M12 D-coded plug for Harting preLink® system CAT 5 (1 pc)

228156 — M12 X-coded plug for Harting preLink® system CAT 6$_A$ (1 pc)

228157 — M12 D-coded socket for Harting preLink® system CAT 5 (1 pc)

228158 — M12 X-coded socket for Harting preLink® system CAT 6$_A$ (1 pc)

228159 — Interchangeable V14 push-pull RJ45 plug for Harting preLink® system (1 pc)

228160 — Interchangeable Han® 3 A RJ45 plug for Harting preLink® system (1 pc)

228293 — IX socket for Harting preLink® system CAT 6$_A$ (1 pc), incl. housing

228161 — Opener for Harting preLink® system (5 pcs)

228162 — RJ45 CAT 6 pre link jack HIFF format for Harting preLink® system, (1 pc)

228171 — Soft bag for NetXpert accessories

226747 — NetXpert Industrial Adapter PRO-Kit – contains the complete industrial accessories for RJ45, M12D and M12X
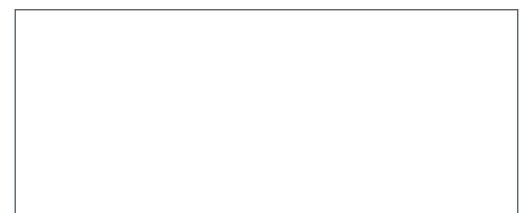
SPECIFICATIONS – ALL MODELS

Copper Interface	1 x Cat 6$_A$ RJ45, interchangeable
Fiber Interface	2 x SFP slot 1 - 10Gb/s *(please order SFP modules separatly)*
Length Measurement Technology	Time-Domain Reflectometry (TDR) and capacitance
Cable Testing and ID	Up to 1000ft (305m) – Split Pair Detection: 3ft (1m) to 1000ft (305m) – Length Measurement: 0 to 1500ft (457m), ± (5%+1ft (30cm)) – Distance to fault: 0 to 656ft (200m) ± (5% + 3ft (1m)) – Supports 8 wiremap remotes (RJ 45) and 24 RJ45 ID only remotes
Power over Ethernet (PoE)	Test supports IEEE 802.3af PoE (Type 1, max 15.4W), IEEE 802.3at PoE+ (Type 2, 30W) and 802.3bt PoE++ (Type 4, 90W)
Maximum Voltages	Maximum voltage that can be applied to any 2 connector pins without causing damage to the tester: RJ45: 60VDC or 50VAC
Storage Capacity	Stores an unlimited number of cable tests per projects with user defined names
Tone Generation	Tone Frequencies: 730Hz and 1440Hz
Languages	English, German, French, Spanish, Italian
Battery	Li-Ion, 7.2 VDC, 10.05A-hr / 5hrs (typical)
External Power Supply	12VDC
Temperature	Operating: 14 to 140°F (-10 to 60°C) Storage: -22 to 158°F (-30 to 70°)
Humidity	10 to 90% non-condensing
Enclosure	Injection molded plastic
Display	7" Color TFT-LCD capacitive touch display, 1024 x 600 resolution (WSVGA)
Size	245 x 177 x 83mm (Main unit) 130 x 177 x 55mm (Active Remote)
Weight with Battery	1.3kg (main unit) 0.6kg (Active Remote)

Available here:

v1.0721

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