TOPMARK NEO SET - Laser marker set

1012018

https://www.phoenixcontact.com/us/products/1012018

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Equipment set consisting of the TOPMARK NEO laser marking system and the TMN-EXTRACTION extraction unit for the efficient marking of metal and plastic marking materials from the LS, UCT, UC/PP, and UM product families.

Product description

The TOPMARK NEO is setting new standards in laser marking. This marking system creates laser markings to meet the highest standards in no time. With over 650 different materials, the TOPMARK NEO processes a comprehensive range of materials for marking terminal blocks, wires, cables, and devices. Marking materials made of stainless steel, aluminum, ABS, polyacrylic, polypropylene, and polycarbonate are available. Operation is easy, without the need for comprehensive prior knowledge. The user-friendly touch display enables you to operate the laser intuitively and quickly – without the need for specialist knowledge. This allows you to process a wide range of materials for the flexible marking of your application. With the unique material handling and integration into the desktop marking software from Phoenix Contact, the TOPMARK NEO is the fastest desktop laser marker in its class, with a speed of more than 250 labels per minute.

Scope of supply:
TOPMARK NEO laser marker (1012015) with LS adapter plate incl. four magnets (1012104), LS retaining plate (0803478), type E and F power cables, LAN cable, and operating instructions with declaration of conformity. TMN-EXTRACTION extraction unit (1012102) with filter equipment (1012100, 0803305, 0803306), suction tube (1012101), crevice nozzle set (083310), type E and F power cables, 25-pos. D-SUB cable, and operating instructions with declaration of conformity

Your advantages

- Maintenance-free operation, thanks to fiber laser technology
- Intuitive and time-saving operation using integrated marking software with a graphical user interface
- Minimal installation space: surface of only approx. two DIN-A3 sheets is required
- Rapid marking of plastic and metal labels for marking terminals, conductors, cables, devices, and plants
- Easy to control with the desktop marking software from Phoenix Contact
- Laser class 1 in accordance with DIN EN 60825-1: no laser operative required
- For all UniCard (UCT) and LaserSheet (LS) materials
- High-quality, fast marking. Marking a UniCard in just 8 seconds
- The integrated material detection prevents incorrect markings

Commercial data

Item number	1012018
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	BG01
Product key	BG1252
GTIN	4055626486284
Weight per piece (including packing)	127 kg

Weight per piece (excluding packing)	107 kg
Customs tariff number	84561190
Country of origin	DE

Set consists of

TOPMARK NEO - Laser marker

1012015

https://www.phoenixcontact.com/us/products/1012015



Laser marking system for the efficient marking of metal or plastic marking material from the LS…, UCT…, UC…/PP…, UM… product families.

TMN-ADAPTER PLATE-LS - Adapter plate

1012104

https://www.phoenixcontact.com/us/products/1012104



Adapter plate for LS materials incl. 4 magnets for spot securing of lightweight marking materials

TMN-FRAME-LS - Holding plate

0803478

https://www.phoenixcontact.com/us/products/0803478

Retaining plate for circumferentially securing lightweight marking materials



TMN-PRE FILTER - Cleaning set

1012100

https://www.phoenixcontact.com/us/products/1012100

Prefilter for TOPMARK NEO, for replacement



TOPMARK LASER HEPA FILTER - Cleaning set

0803305

https://www.phoenixcontact.com/us/products/0803305

HEPA filter, for replacement



TOPMARK LASER CARBON FILTER - Cleaning set

0803306

https://www.phoenixcontact.com/us/products/0803306

Activated carbon filter, for replacement



TOPMARK LASER CLEANING NOZZLE - Cleaning set

0803310

https://www.phoenixcontact.com/us/products/0803310

Cleaning nozzle, for plugging onto the suction tube of the extraction unit.



Technical data

Notes

Notes on operation	The TOPMARK NEO laser marking system is designed for operation in conjunction with a suitable extraction unit. This ensures safe and clean operation during laser marking. For long-term reliable use, the operator must ensure that saturated filters are replaced regularly in accordance with the operating instructions.

Product properties

Product type	Marking system
Scope of supply	TOPMARK NEO (1012015) scope of delivery: TMN-EXTRACTION extraction unit (1012102) with filter equipment (1012100, 0803305, 0803306), suction tube (1012101), crevice nozzle set (083310), type E and F power cables, 25-pos. D-SUB cable, and operating instructions with declaration of conformity

Marking

Identification technology	Direct laser marking

Device properties

Laser class	Laser class 1 according to EN 60825-1 classification
Laser system	Ytterbium fiber laser, pulsed, 1064 nm
Operating system	MS Windows 10 (32/64-bit)
CW laser power	20 W

System properties

Operating system	MS Windows 10 (32/64-bit)

Electrical properties

Power consumption	1350 W

Dimensions

Width	930 mm
Height	880 mm
Length	485 mm

Environmental and real-life conditions

Ambient conditions

Ambient temperature (operation)	5 °C ... 35 °C

Standards and regulations

Laser class	Laser class 1 according to EN 60825-1 classification

Classifications

ECLASS

ECLASS-13.0	19140127
ECLASS-15.0	19140127

ETIM

ETIM 10.0	EC000610

UNSPSC

UNSPSC 21.0	43212100

Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	6(a), 6(c), 7(c)-I, 7(c)-II

China RoHS

Environment friendly use period (EFUP)	EFUP-10
	An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.

EU REACH SVHC

REACH candidate substance (CAS No.)	Lead(CAS: 7439-92-1)
SCIP	827f979d-41ee-4f4d-8968-a7faad3d8263

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