



QP1680 High-Temperature TOC/TNb Laboratory Analyser, with auto sampler, 96 positions

Termékszám: LPV448.99.01501

HUF Ár (nettó): Elérhetőségünk

Szállítási dátum nem látható

The QP1680 Analyser measures Total Organic Carbon (TOC) and Total Nitrogen (TN_b) in one sample.

The QP1680 is available as a combined TOC and TN_b analyser or for the individual parameters TOC or TN_b.

The most important features include:

- Direct sample injection eliminates sample contact with valves and the built-in injection syringe, which minimizes the risk of sample carry-over.
- Large diameter sample aspiration tubing can handle particles up to 800 µm, expanding possible applications and reducing clogging.
- Integrated stirrer for each sample position homogenizes particle-containing samples before injection.
- Small footprint with integrated 65-position auto-sampler requires less space in the laboratory (an auto-sampler with 96 positions is also available as an alternative).
- Simple operation, data analysis and system diagnosis thanks to an intuitive software package.

Műszaki adatok

A doboz tartalma:

TOC/TNb Instrument

Sample tray with 96 positions for 24 mL vials

Glass sample vials 24 mL (100 pcs)

USB 2.0 cable A-B

Set of tubing PTFE blue-stripe 1/8" OD length 2 m including nut & ferrule

Reagent container with screwcap for UPW, Acid and Waste

Power cord

USB storage device with software, test results and Full User Manual

Printed User Manual

Analysis time:

Approx. 4 minutes

Detektálási határ:

TC, TIC, NPOC: 50 µg/L

TNb: 20 µg/L

Garancia:

24 hónap

Gas consumption:

200 mL/min*

	*Sample preparation for NPOC determination requires additional 300-350 mL/min.
Gas specifications:	Oxygen or synthetic air: minimum 99.998% (4.8) at 3 - 10 bar
Hőmérséklet:	Furnace temperature max. 1050 °C (depending on configuration)
Ismételhetőség:	Up to 10 mg/L TC, TIC, NPOC, TN: < 5% > 10 mg/L TC, TIC, NPOC, TN: < 2%
Környezeti hőmérséklet:	-20 - 60 °C
Mérés módszer:	TOC: NDIR (non-dispersive Infrared Detection) TN: Chemiluminescence
Méréstartomány:	TC, TIC, NPOC, TN _b : 0 - 30000 mg/L
Méret:	440 mm x 380 mm x 700 mm (H x W x D)
Mintatérfogat:	10 - 1000 µL
Működési feltételek:	20 - 30 °C; 20 - 80% relative humidity (non-condensing)
Normák és szabványok:	TOC / NPOC: ASTM D7573, EN 1484, EPA 415.1, EPA 9060A, ISO 8245, SM 5310B, NEN-ISO 20236 TN _b : ASTM D8083, EN 12260, ISO 11905-2, NEN-ISO 20236
Number of sample positions:	96
Oxidáció módszere:	Catalytic combustion at 720 °C
Paraméter:	TOC, TN _b
Súly:	Approx. 32 kg
Szennyezési fok:	2
Szünet mód:	Analyser: 100 - 240 VAC, 50/60 Hz, 16 A, with protective grounding PC: 100 - 240 VAC, 50/60 Hz, 1.6 A, with protective grounding Monitor: 100 - 240 VAC, 50/60 Hz, 1.6 A, with protective grounding
Teljesítmény:	Analyser: 750 W max. PC: 90 W max. Monitor: 100 W max.
Típus:	QP1680-TOC/TN _b

A doboz tartalma

TOC/TN_b Instrument
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Glass sample vials 24 mL (100 pcs)
USB 2.0 cable A-B
Set of tubing PTFE blue-stripe 1/8" OD length 2 m including nut & ferrule
Reagent container with screwcap for UPW, Acid and Waste
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USB storage device with software, test results and Full User Manual
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Szükséges tartozékok

- QP1680 TOC/TN_b Starter Package (Item SMKIT500000)