



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

Kat. číslo produktu: LPV448.99.01501

CZK Cena bez DPH:

Datum odeslání neuvedeno

Kontaktujte nás

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.

Technické údaje

Analysis time: Approx. 4 minutes

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

Hmotnost: Approx. 32 kg

Jaký je obsah balení: 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
Metoda měření:	TOC: NDIR (non-dispersive Infrared Detection)
	TN: Chemiluminescence
Mez detekce:	TC, TIC, NPOC: 50 µg/L
	TNb: 20 µg/L
Napájení:	Analyser: 750 W max.
	PC: 90 W max.
	Monitor: 100 W max.
Normy :	TOC / NPOC: ASTM D7573, EN 1484, EPA 415.1, EPA 9060A, ISO 8245, SM 5310B, NEN-ISO 20236
	TNb: ASTM D8083, EN 12260, ISO 11905-2, NEN-ISO 20236
Objem vzorku:	10 - 1000 µL
Okolní teplota:	-20 - 60 °C
Opakovatelnost:	Up to 10 mg/L TC, TIC, NPOC, TN: < 5%
	> 10 mg/L TC, TIC, NPOC, TN: < 2%
Oxidační metoda:	Catalytic combustion at 720 °C
Parametr:	TOC, TNb
Počet pozic na vzorek:	96
Přístroj:	QP1680-TOC/TNb
Provozní podmínky:	20 - 30 °C; 20 - 80% relative humidity (non-condensing)
Rozměry:	440 mm x 380 mm x 700 mm (H x W x D)
Rozsah měření:	TC, TIC, NPOC, TNb: 0 - 30000 mg/L
Stupeň znečištění:	2
Teplota:	Furnace temperature max. 1050 °C (depending on configuration)
Záruka:	24 měsíců
Zdroj napájení:	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

Jaký je obsah balení

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
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Požadované příslušenství

- QP1680 TOC/TNb Starter Package (Item SMKIT500000)