



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

**Proizvod #:** LPV448.99.01501  
**EUR Cijena:** Kontaktirajte nas  
Nije prikazan datum isporuke

**The QP1680 Analyser measures Total Organic Carbon (TOC) and Total Nitrogen (TN<sub>b</sub>) in one sample.**

The QP1680 is available as a combined TOC and TN<sub>b</sub> analyser or for the individual parameters TOC or TN<sub>b</sub>.

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.

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### **Specifikacije**

Analysis time:	Approx. 4 minutes
Dimenzije:	440 mm x 380 mm x 700 mm (H x W x D)
Garancija:	24 mjeseci
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
Granica detekcije:	TC, TIC, NPOC: 50 µg/L

TNb: 20 µg/L

Masa:	Approx. 32 kg
Mjerna metoda:	TOC: NDIR (non-dispersive Infrared Detection)

TN: Chemiluminescence

Mjerni rang:	TC, TIC, NPOC, TN <sub>b</sub> : 0 - 30000 mg/L
Model:	QP1680-TOC/TNb
Napajanje:	Analyser: 750 W max.

PC: 90 W max.

	Monitor: 100 W max.
Norme i standardi:	TOC / NPOC: ASTM D7573, EN 1484, EPA 415.1, EPA 9060A, ISO 8245, SM 5310B, NEN-ISO 20236
	TN <sub>b</sub> : ASTM D8083, EN 12260, ISO 11905-2, NEN-ISO 20236
Number of sample positions:	96
Oxidation method:	Catalytic combustion at 720 °C
Parametar:	TOC, TN <sub>b</sub>
Pauza:	Analysar: 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
Ponovljivost:	Up to 10 mg/L TC, TIC, NPOC, TN: < 5%
	> 10 mg/L TC, TIC, NPOC, TN: < 2%
Radni uvjeti:	20 - 30 °C; 20 - 80% relative humidity (non-condensing)
Što je u pretincu:	TOC/TN <sub>b</sub> 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
Stupanj zagađenosti:	2
Temperatura:	Furnace temperature max. 1050 °C (depending on configuration)
Temperatura prostora:	-20 - 60 °C
Volumen uzorka:	10 - 1000 µL

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## Potrebni dodaci

- QP1680 TOC/TN<sub>b</sub> Starter Package (Item SMKIT500000)