



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

Αρ. προϊόντος: **LPV448.99.01501**

EUR Τιμή: Επικοινωνήστε μαζί μας
Δεν εμφανίζεται η ημερομηνία αποστολής

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.

Προδιαγραφές

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

Number of sample positions: 96

Oxidation method: Catalytic combustion at 720 °C

Βαθμός μόλυνσης : 2

Βάρος : Approx. 32 kg

Διαστάσεις: 440 mm x 380 mm x 700 mm (H x W x D)

Εγγύηση : 24 μήνες

Επαναληψιμότητα : Up to 10 mg/L TC, TIC, NPOC, TN: < 5%

> 10 mg/L TC, TIC, NPOC, TN: < 2%

Εύρος μέτρησης : TC, TIC, NPOC, TN_b: 0 - 30000 mg/L

Ηλεκτρική τροφοδοσία: 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

Θερμοκρασία :	Monitor: 100 - 240 VAC, 50/60 Hz, 1.6 A, with protective grounding
Θερμοκρασία περιβάλλοντος :	Furnace temperature max. 1050 °C (depending on configuration)
Μέθοδος μέτρησης :	-20 - 60 °C
	TOC: NDIR (non-dispersive Infrared Detection)
	TN: Chemiluminescence
Μοντέλο :	QP1680-TOC/TN _b
Νόρμες και Πρότυπα :	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
Όγκος δείγματος :	10 - 1000 µL
Όριο ανίχνευσης :	TC, TIC, NPOC: 50 µg/L
	TN _b : 20 µg/L
Παράμετρος :	TOC, TN _b
Συνθήκες λειτουργίας :	20 - 30 °C; 20 - 80% relative humidity (non-condensing)
Τι περιέχει το καλάθι:	TOC/TN _b 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
τροφοδοσία :	Analyser: 750 W max.
	PC: 90 W max.
	Monitor: 100 W max.

Τι περιέχει το καλάθι

TOC/TN_b 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

Απαιτούμενα παρελκόμενα

- QP1680 TOC/TN_b Starter Package (Item SMKIT500000)