

aquamax KF

PRO OIL

AUTOMATIC

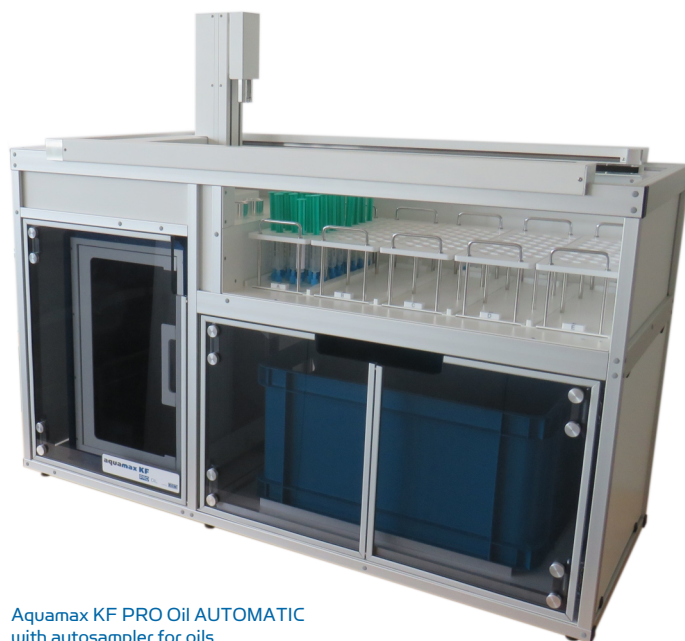
Automatic water determination in oils, lubricants and fuels

Product description

The Aquamax KF PRO Oil is now also available as an automatic version with sampler for oils. This makes it easy to handle large quantities of samples:

- Draw up oil samples in disposable syringes and close with caps
- Stick on sample-specific barcode
- Place syringes in the magazine and place in the autosampler
- Start automatic measurement
- Read off and save results

The sampler has space for 200 sample syringes in five magazines. The equipment includes two additional magazines that can be loaded with samples for preparation. Measured magazines can be removed individually and exchanged with filled ones. Continuous measurement series are thus possible.



Aquamax KF PRO Oil AUTOMATIC with autosampler for oils



Automatic sample dosing by means of disposable syringes (5 mL)

Features

- 280 sample places in 7 magazines (5 magazines in the unit and 2 for preparation)
- Magazines can be removed individually and placed as desired
- Sample recognition via barcode system
- Automatic determination of the dosed oil volume
- Automatic ejection of the measured syringes
- Large-volume collection container for empty syringes and caps

Sample supply

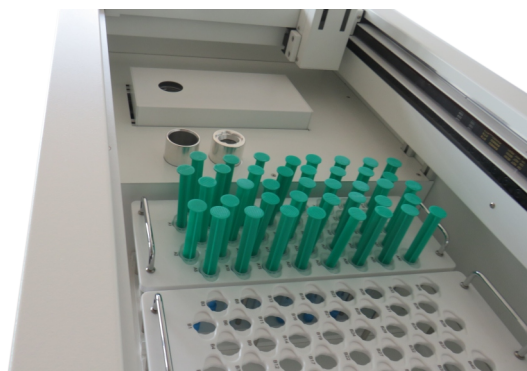
The oil samples are filled into disposable syringes of 5 mL each. The tips are sealed against ambient moisture with sealing caps. The sampler has a total of seven magazines with 40 places each. The autosampler can hold five magazines at the same time. The magazines can be placed anywhere.

The syringes are labelled with barcodes to identify the sample. After the analysis, the empty syringes are transported to a collection container.

Multiple measurements of the same sample from different syringes can be performed.

Applications

- Transformer oils
- Hydraulic oils
- Engine oils
- Gear oils
- Crude oils
- Fuel oils
- Gasoline
- Diesel
- A1 Jet fuel
- Military jet fuel
- Bio fuel
- Petroleum products
- Insulating oils
- Silicone oils
- Lubricating oils
- Biopetroleum
- Biological oils



Gripper arm and dosage opening of the sampler

Technical specifications

Aquamax KF PRO Oil

Measurement method: Coulometric Karl Fischer titration
Sample administration: Via autosampler by means of syringes
Sample amount: Typically 5 mL
Heating temperature: 35 ... 250 °C, isothermal or with temperature program
Measuring range: 0,0001 ... 100 %
Power supply: 230 V/50 Hz; 115 V/60 Hz
Dimensions: 33 x 39 x 48 cm (W x D x H)
Weight: 17 kg
Device control: PC software (PC not included in the scope of delivery)

Autosampler for oils

Sample supply: 5 (+ 2) sample magazines with 40 positions each
Interface: USB
Piston dosing unit: For 5 mL syringes
Syringes: Disposable syringes à 5 mL made of plastic (with sealing cap)
Dosing volume sample: 5 mL
Resolution: 0.05 mL
Power supply: 120 or 230 V, 50 ... 60 Hz
Power input: 60 W
Dimensions: 115 x 44 x 92 cm (W x D x H)
Weight: Ca. 40 kg (without syringes)

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ECH Elektrochemie Halle GmbH

Otto-Eißfeldt-Str. 8
D-06120 Halle (Saale)
Germany

Tel.: +49 (0) 345 279570-0
Fax: +49 (0) 345 279570-99

Email: info@echscientific.com • www.ech.de • www.aquamaxkf.com

ECH Scientific Limited

Building 69, Wrest Park, Silsoe
Bedfordshire, MK45 4HS
United Kingdom

Tel.: **+44 (0) 1525 404747**
Fax: +44 (0) 1525 404848



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