

# aquamax KF Plus

Conform  
to Standards  
of ASTM,  
EN, ISO

## in-lab ppm water determination

### Product Description

**Aquamax KF Plus titrators have been specifically designed for the determination of water content, combining coulometry with the Karl Fischer method.**

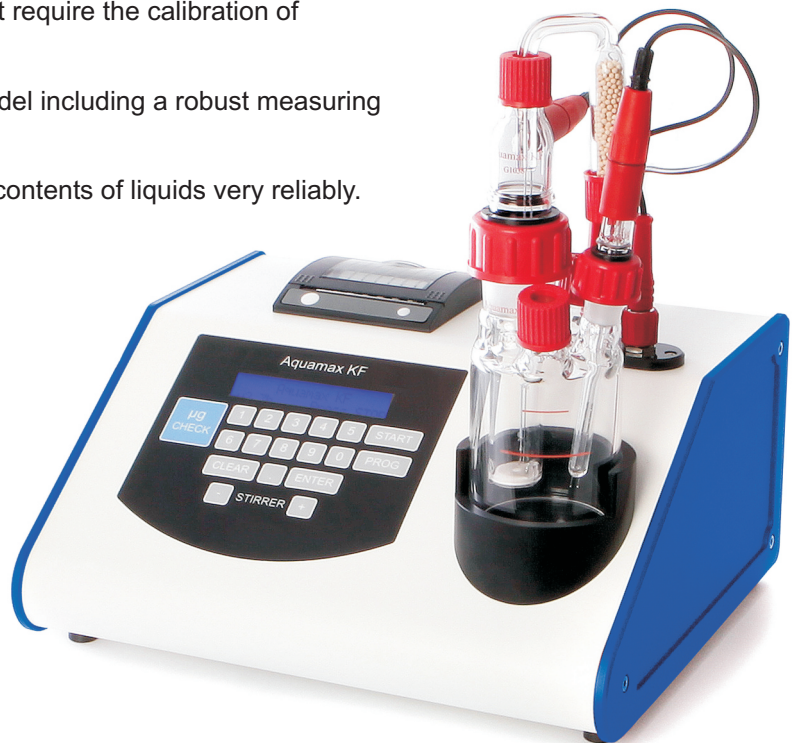
The Aquamax KF Plus determine the water content of samples by measuring the amount of electrolysis current necessary to produce the required iodine. This is an absolute technique which does not require the calibration of reagents.

The Aquamax KF Plus is a truly versatile model including a robust measuring vessel design and 'press go' key pad.

The device can be used to determine water contents of liquids very reliably.

The Aquamax KF Plus is suitable for a wide range of applications with sample dosing directly into measuring cell.

Easy to use – simple to programme so that only a single button needs to be pressed for a titration, everything else is automatic.



### Features

- Simple operation
- 10 user programmable methods
- Moisture range 1 ppm / 100 %
- Results in ppm, mg/kg, % and µg water
- Multi language display & print out
- Small footprint
- Integral printer
- Integral battery
- Fully portable
- Low drift cell design

## Areas of Application

- Hydrocarbons
- Lubricating
- Motor oils
- Hydraulic oils
- Insulating oils
- Transformer oils
- Mineral oils
- Crude oils
- Petroleum products
- Organic liquids
- Solvents



Water check button for titration tests



Low Drift Cell

## Technical Specifications

Titration method:	Coulometric Karl Fischer titration
Electrolysis Control:	Patented "ACE" control system GB2370641
Sample administration:	Manually with syringe
Sample amount:	0.01 - 10 mL
Measuring range:	Possible 1 µg - 200 mg water Typical 1 µg - 10 mg water
Moisture range:	1 ppm - 100 % water
Max. sensitivity:	0.1 µg
Drift compensation:	Automatically controlled
Precision:	10 - 100 µg ± 3 µg; 100 µg - 1 mg ± 3 µg; above 1 mg ± 0.3 %
Data Entry:	15 key touchpad
Power supply:	18 V DC, 40 W
Display format:	µg, mg/kg, ppm, %
Dimensions:	290 x 255 x 130 mm
Weight:	3.0 kg

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## your test - done!

in-lab mobile on-line process