

POCKET TITRATOR KF

Product Description

Precise determination of the water content by direct injection of sample into the measuring cell. The Pocket Titrator KF is a Microsoft® Windows Mobile™ based, truly portable and easy to use coulometric Karl-Fischer-analyzer. The microprocessor with high performance controls automatically all electrolysis adjustments. The titration rate is adjusted automatically to current water amount to be titrated.

Advantages

- » Low background drift measuring cell
- » Preconfigured methods
- » "One click" measurement (user -friendly pocket software)
- » AEC (automatically electrolysis controlled)
- » High precision even in low concentrations
- » Infinitely variable electrolysis current for very short analysis duration
- » Suitable for all commonly used Karl-Fischer-reagents

Applications

- » Petrochemical products
- » Lubricating oils
- » Mineral oils
- » Kerosene
- » Transformer oils
- » Crude oil



Specifications

Titration method:	coulometric Karl Fischer Titration
Generator design:	with or without diaphragma
Electrodes:	Platinum
End point indication:	square wave AC polarisation with high resolution
Measurement end point:	visual displayed
Measuring range:	1 µg – 200 mg water (1 ppm – 100%)
Sensitivity:	smaller than 1 ppm
Resolution:	0,1 µg
Titration current:	0...300 mA, AEC - automatically electrolysis controlled
Drift compensation:	automatically controlled
Start delay:	0 – 60 min (user selectable)
Stop delay:	0 – 60 min (user selectable)
Power supply:	110 V, 230 V; 50 – 60 Hz 12 V DC (car adapter; internal battery)
Result:	µg; ppm (mg/Kg); %
Sample volume:	volume 0,001 – 10,0 ml
Weight:	1 µg – 10 g
Printer:	windows based printer
Stirrer:	micorprocessor controlled
Dimensions:	150 mm x 200 mm x 60 mm
Weight:	1,5 Kg (without carry case; without reagent)



Touch panel controler

Display:	3.5" high-brightness transfective TFT LCD (65,536 colours) with 240 x 320 (QVGA) resolution
Flash ROM:	32 MB of flash memory for operating system and embed- ded applications
System memory:	64 MB of SDRAM for user applications and storage
Processor:	processor at 266 MHz
Operating system:	Microsoft® Windows Mobile™ 2003 software for Pocket PC Premium Edition
Connection:	USB

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