

SINAR TECHNOLOGY

AQUAPAL III

Aquapal III Karl Fischer Moisture Titrator

Well known for its speed, accuracy, reliability and simple operation, the Aquapal III has proven to be a valuable tool in determining low moisture content in a wide range of chemicals, so rather than change the unit, we've added more to it.

In addition to the basic Aquapal III specification you can choose to have any of the extended features added, these include: -



50 Method File Memory / Solution Program (Transformer Application) Balance Interface / Diaphragm Free Operation.

This compact auto – titrator produces fast results with the minimum of fuss, simply press the START button and add your sample. The sealed titration vessel protects your sample assuring consistent accurate results with any drift being automatically compensated.

The Aquapal III has a built in printer allowing you to take the unit to various locations and return with the printed results for that days work. The interface option lets you connect the Aquapal III to your computer so that you can store the results in a spreadsheet or database.

You can switch the Aquapal III from a conventional two component cell to a one component diaphragm free cell and back again. The diaphragm free electrode offers faster pre titration times, better stability and easier cleaning.

For solid samples or those that can interfere with the Karl Fischer reaction you can connect the Aquapal III to the Aquapal Vaporiser.

Specifications:

Method Coulometric Karl Fisher.
Control: Micro controlled stepped pulse current
Speed: 2mg / minute
Range: 1ppm to 100%
Sensitivity: 0.1 g
Precision: ± 5 g for 100 g – 1mg,
 $\pm 5\%$ above 1mg.
Reagent: Pyridine free
Calculation: Weight, Volume or Dilution,
Mean, Standard Deviation
and Coefficient of variation

Drift: Automatically Corrected
Result Format: ppm - % - g
Method File: 50 user programmable
Methods (Optional).
Display: 32 Character LCD
Printer: Standard Paper
Output: RS 232 / Balance Interface
(Optional)
Weight: 6.8KG

APPLICATIONS:

Oils, Solvents, Pharmaceuticals, Chemicals,
Polymers, Food, and Gases.

Sinar Technology Unit 5, Camberley Business Centre, Bracebridge, Camberley,
Surrey, GU15 3DP

Tel +44 (0) 1276 63957 • Fax +44 (0) 1276 29941
<http://www.sinar.co.uk> • Email: office@sinar.co.uk