

Volumetric Karl Fischer Moisture Titrator

Volumetric Karl Fischer water determination with programmable endpoints, automatic calculation and an integrated sample-heating function. Select the reagent and sample preparation for the application.



Technical Information

Water content range	0.005-100%
Water detection resolution	1 µg
Maximum error	±0.3%
Burette volume	20 mL
Typical measurement time	2-3 min
Dosing volume precision	0.001 mL
Repeatability	≥99.7% (10 mg H ₂ O)
Display	7 in
Methods stored	5
Records stored	2000
User access levels	3
Heating supply / range	12 V; 40-45 °C
Communication	Wi-Fi
Ambient temperature	5-40 °C

Technical Information

Ambient humidity	≤80% RH
Electrical supply	220 V; 50 Hz
Audit trail	yes
Electronic signature	yes

Standard Configuration

A 20 mL metering burette with UV shield, double-platinum electrode, external dot-matrix printer and integrated heating are documented. Reagent supply must be stated separately.

Optional Configuration

Accessories, consumables, printer supply and application-specific options are included only when expressly itemized in the quotation.

Selection and ordering

State the PRECETTA model, application, selected configuration, quantity and destination. Download the complete PDF for all verified specifications and configuration details. Confirm site utilities and sample compatibility before ordering.

Technical Information

Resolution of 1 µg is specified with 1 mg/mL reagent and 0.001 mL titration increments. The repeatability statement uses a 10 mg water sample. Programmable endpoint delays, five methods, automatic speed adjustment, resistance compensation and open/short electrode checks are documented. Three-level access, audit records, electronic signature and Wi-Fi transfer are described.