

# COBOS

precision

## Micro Moisture Analyzer FM-300A



**This simple-to-use system allows the user to accurately measure moisture samples at low two parts per million (2ppm).**

Measurement range of two parts per million (2ppm) - 100% W.B.

Easily measure a small amount of moisture (as small as 1/10,000%) without the need to prepare a reagent or solution.

An integrated micro balance weighs the sample to 0.00001g

Easy operation and Safe and Clean measurement environment.

The FM-300 eliminates the cost of reagents and preparation necessary for Karl Fischer Titrations as well as the expensive disposal costs of the various chemical wastes.



Operation

## Specifications

**Measurement method:** Moisture absorption (Active Carbon Filter Absorption).

**Sample weight:** 10mg or greater (optional weight sampling) (depending on the specific gravity of the sample)

**Measurement resolution:** Depends on mass of the sample and readable mass limit (sample with 5g mass can be analyzed at 0,0002%)

**Readability:** 10µg (0,01mg).

**Display contents:** Moisture ratio and mass.

**Absorbent:** Molecule sieve active carbon absorbent.

**Moisture selector:** Active carbon.

**Display format:** Backlight LCD.

**Heat source:** EC Heater (heat drying unit).

**Output:** RS-232C interface, parallel port terminal.

**Power source:** 400W AC 100V/120V/220V/240V (50/60Hz).

**Temperature:** range: 70-300°C ±2C

**Dimensions:** 510(W)X470(D)X455(H)mm.

**Weight:** 37 Kg.

**Applications:** plastics and polymers, pharmaceuticals, petrochemicals, etc.



Rubber, pellet, powder

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## Accessories

VZ-300 thermal printer.



Graphical results can be printed by an optional VZ-300 printer

Printing paper (10 rolls).

Package of aluminium foil sheets (500 units).

Kit verification of temperature (GF-100).

Software data logger (KDL-01).

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Model	Capacity (Max)	Readability (d)
FM-300A	10µg - 20g	0,01 mg

Consult conditions of sale