

Moisture Analyzers



Classic M Series

- Fast and uniform halogen heating and uniquely designed “SRA” filter that avoids hot spots.
- High repeatability with Super Hybrid Sensor Technology.
- Calibration function for the heating temperature with optional AX-43 (for MS & MX).
- WinCT-Moisture displays moisture rate changes in a real time graphing. Calculates measurement data statistics.
- Five measurement programs, and four heating modes, memory function for save/recall test configurations.
- Industry leading 5-year A&D warranty.

Part Number	Description
MS-70	71 g x 0.0001 g (0.001% / 0.01% / 0.1% moisture content)
MX-50	51 g x 0.001 g (0.01% moisture content)
MF-50	51 g x 0.002 g (0.05% moisture content)
ML-50	51 g x 0.005 g (0.1% moisture content)

Comparison between MS-70 and the KF (Karl Fischer) method

Example of PET plastic pellet measurement

	Moisture rate		Average measurement time	Measurement conditions
	Average value	Repeatability (standard deviation)		
MS-70	0.298%	0.0045%	6.8 mins	Heating temperature 180°C Test sample 10g Measurements 5 times
KF method	0.307%	0.0065%	19.1 mins	Heating temperature 180°C Test sample 0.3g Measurements 5 times

KF method: a way of measuring moisture content through chemical determination

With PET plastic and other materials, the MS-70 can measure a drop of moisture content of less than 1%. Specialist knowledge is not necessary to operate the MS-70, and since measurement occurs quickly no harmful waste is produced.