

Moisture Minder



REAL-TIME HUMIDITY READING

Moisture Minder is the solution for the in-line measurement of the moisture in the plastic granules. Two models are available:

- M5 designed especially for after-drying PET applications
- M100, with a multi-purpose configuration, for a wide range of polymers or for pre-drying measurements.

Moisture Minder can be used with a wide range of materials and its control includes many pre-loaded calibration curves.

It allows complete traceability and monitoring of the production process. With integration with Winfactory 4.0, the measurements of Moisture Minder can be stored up to 10 years. Users can implement a quality system with report automatically generated and almost real-time corrective actions.



Automatic, simple and reliable



Real time reading for a quick reaction



On-line analysis without needing of a sample collection



PET Preforms & Bottles



Rigid Packaging



Automotive components



Technical parts



Medical solutions



Thermoforming & Technical Sheets



Flexible Film



Pipes, Profiles, Cables



Fibres & Strapping



Recycling



Compounds

Ambient temperature (°C)

5-35.

Working conditions

Fully filled with product.

Communication interface

RS485-Modbus RTU.

Dryer integration

Genesys GP, GenesysNext GN.



Moisture Minder is extremely compact for an easy installation



In case of stand-alone installation, a local panel with touch screen is provide

Polimero	Materiale	Range Umidità min-max[%]	Range Temperature min-max[°C]
PBT	PBT 30% GF	0.005-0.05	80-120
PBT/PET GF	TECHNODUR PBT/PET GF30 2 BLACK	0.005-0.05	80-120
PC	BASF MAKROLON PC	0.01-0.05	80-120
PC	LEXAN 141R RESIN	0.01-0.05	80-120
PC	LEXAN LS2	0.01-0.05	80-120
PC	LEXAN PC 500R GR 10%	0.01-0.05	80-120
PC	LEXAN PC 141 RESIN	0.01-0.05	80-120
PC	MAIP INTELON 2407 GF/ALINO	0.01-0.05	80-120
PC	MAKROLON AX 2675 BLACK	0.01-0.05	80-120
PC+ABS	SABIC CYCOLOY C 1200 HF	0.005-0.05	70-110
PC+ABS	SABIC CYCOLOY E 1200 MF	0.005-0.05	70-110
PET	ARNITE A-X08033 LASERTRASPARENT NATUR	0.0005-0.03	100-180
PET	PET APE 80 RICYCLED	0.0005-0.03	100-180
PET	PET RT 5140	0.0005-0.03	100-180
PETG	EASTMAN PETG FB 501	0.01-0.06	40-70
PETG	PETG - SN 200 SKY GREEN	0.01-0.06	40-70
PETG	PTEG-FG 501 EASTMANN	0.01-0.06	40-70
POLYESTER	INVISTA POLYESTER CHIPS RT 28 FD	0.005-0.08	100-180
POLYESTER	INVISTA POLYESTER CHIPS RT 5140	0.005-0.08	100-180
PCM	BASF ULTRAFORM	0.0005-0.06	100-180

Moisture Minder control is very easy to use with a wide range of material database pre-loaded

	M5	M100
Passing section diameter (mm)	100	
Moisture reading range (ppm)	5-1,000*	100-5,000*
Temperature range (°C)	20-200	20-140
Accuracy (ppm)	± 15	± 15
Example of typical application	PET / PETG / PSU	ABS / PC / PA

*Variable range on request.