

Summary:

Universal Halogen Moisture Meter is the most advanced new plastic fast moisture meter studied and in light of crack, bubbling and shrinking caused by much moisture in raw materials in the control of production, injection molding and moulding technology in current plastic industry, which has no moveable parts outside and needs not to set measuring sample and time. Germany advanced technology is introduced in the weighing system so as to avoid instability and easy aging of domestic magnetic sensor. The heating system applies halogen heat device with humane operation so that experimenters can operate it without special training.

Its date is shown and the measurement result is visible and accurate. Instant printing function can be operated by a key; standard 232 interface and exclusive software can realize on-line operation; data is collected, analyzed, stored and printed at real time. At present, it has been extensively applied to produce various raw materials, semi-finished products and finished products in the plastic industry; for example, polyethylene (PE), polypropylene (PP), polrvinyl chloride(PVC), polystyrene (PS) ABS resin (acrylonitrile-butadiene-styrene copolymer), polyamide (PA)(called nylon usually), makrolo (PC), polyformaldehyde (POM), modified polyphenylene oxide, thermoplasticity (PET), polyphenylene sulfide (PPS), liquid crystal polymer LCP, polyether-ether-ketone (PEEL), polyether ketone (PEK), polyether sulfone (PES), PETG, engineering plastics – polysulfone (PSF), particles, auxiliaries, master batch, wooden plastic and wood flour and so on.

Features:

1. Exclusively used in the plastic industry
2. Full-automatic test mode
3. Exclusive software and micro-printer with standard configuration
4. Fast test before and after dehumidification of samples
5. Stand-by operation of particle and powder
6. High efficiency, fast speed;

Specifications:

Model	NG-MS31	NG-MS32	NG-MS35	NG-MS21
Max. weighing range	100g	100g	100g	100g
Reading accuracy	0.001g	0.002g	0.005g	0.01g
Readability of Moisture (>10g)	0.01%	0.02%	0.05%	0.10%
Scope of Moisture Measurement	0.01~100%			
Pan size	φ110 (mm)			
Heat source	HALOGEN LAMP			
Temperature heating range	RT~160°C			
Communication interface	standard RS232 interface			
Heating time range	1-99min			
Operation temperature	10°C-30°C			
Relative humidity	≤80%RH			
Power supply	220V±10%, 50HZ±1HZ			
Net weight	3.3kg			
Gross weight	4.6kg			

