

Halogen Moisture Analysers

Automatic Drying Balance Method

Accurate moisture analysis in any non-metallic and non-flammable materials using a sensitive balance with halogen lamp heating for automated weighing and drying method

%mC, % Dry, Wet weight and Dried weight

Examples: Food stuffs, tea, grains, tobacco, pellets, coal, powders, sugar, granules, soil and sand, chemicals, wood chips, plastic & more ..



XY-101ME Economy
250W Standard Heating



XY-105MW Basic
450W Rapid Heating



XY-100MWT Advanced
450W Rapid Heating

Model	XY-101ME	XY-105MW	XY-100MWT
Sample weight (g)	0 ~ 110g max.		
Readability (g)	0.001g	0.005g	0.001g
Minimum Sample	1g ideally starting moisture >1%	1g ideally starting moisture >5%	1g ideally starting moisture >1%
Pan Size	Ø 96mm	Ø 90mm	
Heat Source	250W Halogen Lamp	450W Halogen Lamp Rapid Heating	
Temperature Sensor	PT100		
Temperature Setting	40°C~160°C in 1°C steps	40°C~199°C in 1°C steps	
Moisture Range	0.00% ~ 100.00%		
Moisture Readability	0.01%	0.1%	0.01%
Dry Residual Range	100.00% ~ 0.00%		
Time Setting	1~99min in 10s steps		
Parameter Settings	Stop Mode: Automatic, Manual or Timed Stop Test Mode: Standard, Fast or Soft		
Auto Stop	0.1% ~ 9.9% within 1min		
Memory Data	20 groups	15 groups	20 groups
Real-time Clock	Yes	No	Yes
Heater Power	220V ±15% 50HZ / 250W	220V ±15% 50HZ / 450W	
Balance Power	Input: 220V ±15% 50HZ		
Dimensions	approx. 336 x 214 x 166mm	approx. 380 x 200 x 180mm	
Chamber Height	30mm	22mm	
Display	5 inch TFT colour touch panel	LCD with membrane keypad	5 inch TFT colour touch panel
Balance Calibration	External calibration with supplied test weight		
Operating Temperature	5°C~35°C		
Interface	RS232 (Optional mini printer)		
Case	ABS plastic housing	Rugged die cast aluminium housing for good stability and better EMF protection	
Accessories	Power cord, test weight, wind shield, tray holder and pack of 20 pans (XY-101ME) or 50 pans (XY-105/100)		