

TSF Touch screen moisture tester



INTELLIGENT OPERATION

EXCELLENT CHOICE

TSF series moisture tester adopts halogen heating system and heat-insulated weighing sensor technology to realize rapid heating, accurate temperature control and weighing. The test readability reaches 0.01%/1mg with fast test and accurate result. It can directly set parameters and conditions through the 4.3-inch touch LCD screen, and realize the man-machine integration operation. In addition, the attached curve is convenient to know the test progress in real time, and has the function of connecting with computers and printers. Generally, products can measure the results in a few minutes and automatically lock the final value without personnel care, and the results are accurate and consistent with the oven experiment. It greatly reduces the time of operators and is widely used in pharmaceutical, food, beverage, agriculture, chemical industry, environmental protection, feed and other fields. The product conforms to the national standard of GB/T29249-2012 electronic weighing drying moisture tester.



THE CHARACTERISTICS OF INSTRUMENT

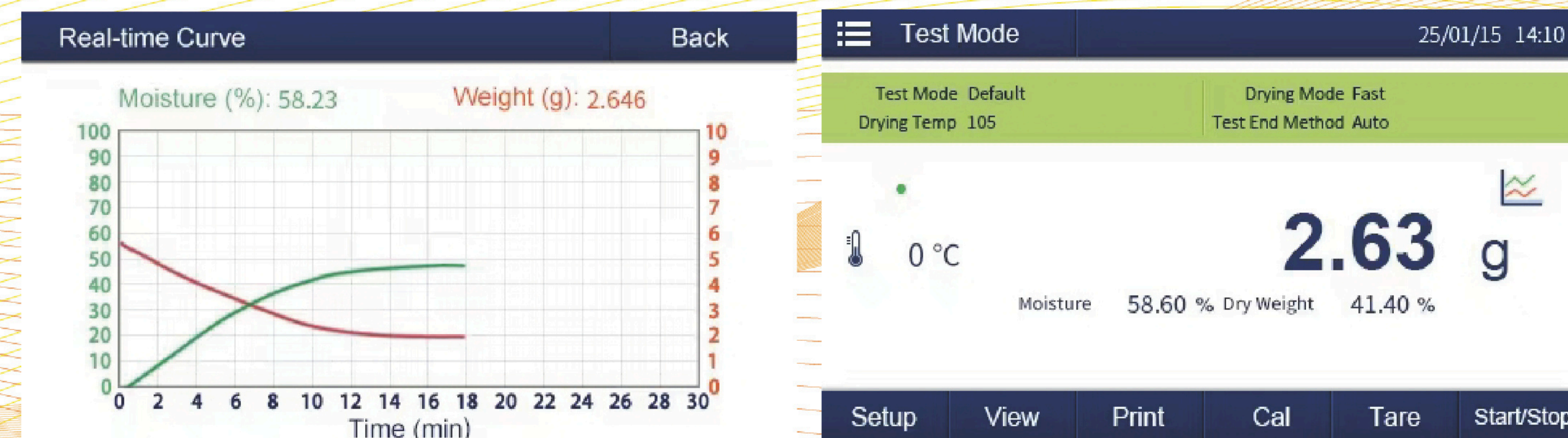
- LCD display-The large 4.3-inch screen is clearer and brighter and provides rich measurement information.
- Convenient operation-touch keys, one key test, simple operation.
- Outstanding performance-The use of insulated weighing sensor technology prevents the heating process from affecting the accuracy of weighing.
- Standard USB interface-easy to connect to printers, computers and other external devices.
- Halogen heating-heats quickly, greatly reducing the time required for testing.
- Real-time curves-real-time curve display, (moisture, weight and time) for easy access to test progress.
- Multiple drying modes-free choice of standard and rapid heating modes.



Multiple insulation devices effectively protect against temperature effects



Humanized design sample plate handle heat insulation treatment



Real-time curve displays moisture ratio, weight & time
Know test progress easily

Simultaneously display moisture ratio & dry weight ratio
One machine for multiple purposes



THE PARAMETER OF INSTRUMENT

Model	TSF-10A	TSF-50A-1	TSF-50A-5	TSF-100A-1
Capacity	10g	50g	50g	100g
Readability	10mg	1mg	5mg	1mg
Repeatability (3g sample)	0.5%	0.2%	0.3%	0.3%
Minimum Weight	0.5g	0.5g	0.5g	0.5g
Recommended Weight	3 – 10g			
Ambient temperature	10-30°C			
Ambient humidity	≤75%			
Horizontal adjustment mode	Front and rear four-corner adjusting column			
Warm-up time	30 minutes			
Calibration mode	Weighing (external weight calibration) temperature (special temperature equipment, factory calibrated)			
Heating time	1-99 minute with interval of 1 second			
Heating temperature	50-160 °C at 1 °C interval			
Dry mode	Standard & Fast			
Shutdown method	Automatic & timing			
Real-time curve	Moisture Weight Time			
Screen display content	Moisture ratio, dry weight ratio, weight, temperature, time, Dry Mode, Real Time Curve, Time & Date			
Display screen	LCD screen			
Communication	USB port for printer and PC connection			
Pan Size	100mm			
Heating source	Halogen lamp			
Dimensions	340mm*210mm*180mm			
NW	3.6kg			
GW	4.5kg			