

MS / MX / MF / MS Features & Benefits	
Features	Benefits
SHS Weighing system	Accurate weighing for better moisture analyzing
Protection system of heating temperature to the SHS	Less Zero drift for stable weighing
High weighing resolution (0.1mg / 1mg / 2mg / 5mg weighing resolution)	Small sample is good enough to use
Good repeatability of moisture content determination	Better and more accurate moisture analyzing
0.001% moisture measurement (MS)	Ideally good for PET moisture measurement equivalent to Karl Fischer method
Halogen lamp heating system	Quick heat-up for short analyzing time
SRA (Secondary Radiation Assist)	Uniforming heating spread over the sample for fast measurement
Protection system for Halogen lamp	Easy cleaning for protective glass
Overheating protection system	Safety use by thermostat and software watch dog system
Automatic Halogen lamp OFF system	Safety use by opening the heating unit by more than 3
More than 5,000 hours of Halogen Lamp life time	Long lamp life time for less down time
Temperature control system	Easy to set up 50 – 200 degrees by 1 degree Celsius
Temperature calibration (MS / MX)	Easy to adjust the temperature by optional temperature calibration kits
User replaceable Halogen lamp	Low maintenance cost without return-back replacement of heating system
Safety design with ABS and PBT	Protection from high temperature for upper case and heating unit
Sodium tartrate	Ensures accuracy of 15.66% +0.3% -0.1% and calibrates the result
WinCT-MOISTURE	Easy to take in the measurement results and graphic display on PC with RS-Fig and to heat up the sample with 6 different temperature graduations and display the ranking for optimum heating temperature
Program function	Easy and fast recall of the measurement setting (20 for MS/MX, 10 for MF and 5 for ML)
Standard RS232C	Easy to communicate with PC as well as printer AD8121B
GLP, GMP, GCP	Conformity to user's applications
Quick reference card	Easy to operate the MS / MX / MF and ML
Leveling foot and level bubble	Easy to adjust the level with front leveling foot and front side level bubble
Standard sample handler	Easy to use with either hand due to ability to access from 2 sides
5 types of measurement mode programs	Suitable for user's application with Standard, Quick, Automatic complete, Timer and Manual modes
VFD display	Easy to see by clear and large display for no reading errors
Sample room with progress window	Easy to check the sample inside during halogen lamp
4 Heating pattern	Meet any application by Standard, Quick, Ramp and Step heating pattern (ML has Standard and Quick heating patterns only)
Reusable sample pan	Low running cost by washable sample pan for repeated use