

INFRARED MOISTURE ANALYZER

CODE 8702-110-U

- Cast aluminium housing, multi-layer stainless steel heating chamber
- Radiation-proof, interference-resistant
- Capable of storing multiple drying process sequences
- Heating time and temperature are adjustable
- LCD display, with backlight
- Calibration method: external calibration
- Data output
- Unit: g, MC% (moisture content), DC% (dryness content)

HIGH ACCURACY
DATA OUTPUT

HEATING SOURCE:
INFRARED LAMP



appearance



printer (optional)



calibration weight (optional)



8702-110-U

infrared lamp



horizontal bubble

accessory (included)



triangular support



pan support



wind deflector



aluminum sample tray

STANDARD DELIVERY

Main unit	1 pc
Triangular support	1 pc
Pan support	1 pc
Wind deflector	1 pc
Aluminum sample tray (8702-ALP)	50 pcs
Test paper (8702-PAPER)	50 pcs

OPTIONAL ACCESSORY

RS232 cable	8306-CABLE*
Printer	8306-PRINTER
Calibration weight	8911-100GF2
Thermocouple thermometers	0326-CT31

* Used to connect computers

SELECTION OF MOISTURE ANALYZERS

Basis for selection	Priority infrared lamp (8702-110-U)	Priority halogen lamp (8701 series)
Sample morphology	powder, paste, porous, complex composition, lumpy	hard lumps, large particles, flakes (primarily surface moisture)
Ingredient stability	containing heat-sensitive/volatile substances (e.g. foodstuffs, pharmaceuticals)	composition stable (inorganic materials, hard medicinal herbs)
Water distribution	internal/overall moisture content (requires thorough drying)	surface/shallow moisture (no need for deep drying)
Testing requirements	high precision, high efficiency, long-term stability (high-frequency testing)	localised rapid drying, low frequency, specific materials (such as bulk medicinal herbs)
Risk aversion	avoid localised overheating that may cause decomposition/evaporation of components, thereby compromising accuracy	avoid excessive drying caused by uniform heating (such as fibre brittleness)