HS153 Moisture Analyzer

Boost Productivity
In the Lab and Factory

Fast and accurate
The halogen technology with its precise temperature control ensures rapid and homogenous heating of the sample for fast measurements and reproducible results.

Easy result tracking
Real-time drying curves visualize the measurement progress. Automatic control charts trend the moisture content, individual control limits simplify Pass/Fail decisions.

Simple operation
The OneClick™ interface sets a new standard in safe, error-free operation. Start methods quickly with OneClick™ shortcuts.

Clean in 30 seconds
Flat surfaces are completely smooth and sealed. Spills are contained within the draft shield.
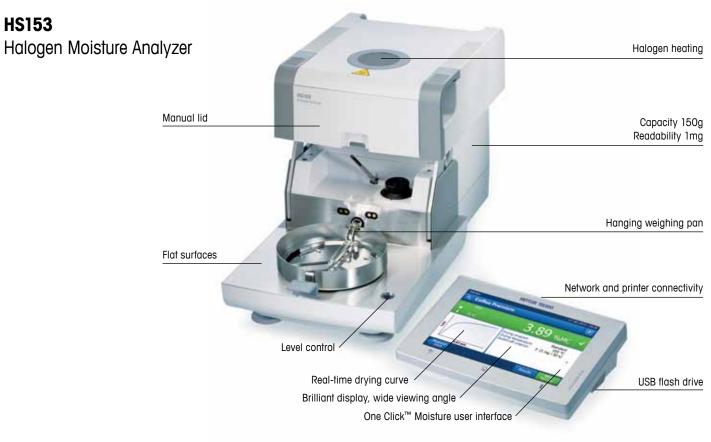
HS153
Halogen Moisture Analyzer

When moisture content determines productivity, the HS153 is the instrument of choice. Powerful real-time graphics combined with ruggedness and ease-of-use ensure fast and reproducible measurements in the lab and on the factory floor.

With the HS153 you get:
• Fast results
• Real-time drying curve
• Easy cleaning
• Quick and simple operation
• A4/Letter print reports

METTLER TOLEDO

HS153
Halogen Moisture Analyzer

Halogen heating

Manual lid

Capacity 150g
Readability 1mg

Hanging weighing pan

Flat surfaces

Network and printer connectivity

Level control

Real-time drying curve

Brilliant display, wide viewing angle

One Click™ Moisture user interface

USB flash drive

Technical Data

Moisture content	
Readability	0.01%MC
Repeatability (sd) with 2 g sample	0.05%
Repeatability (sd) with 10 g sample	0.01%
Display modes	%MC, %DC, %ATRO MC, %ATRO DC, g, g/kg MC, g/kg DC, -%MC
Balance	
Capacity	150 g
Minimal sample weight	0.1 g
Readability	1 mg
Drying unit	
Temperatur range	40 - 230°C
Lid-opening	Manual
Routine tests	
Balance test external weights	Yes, 100 g default
Balance test internal weights	No
Heating module test	2-point temperature calibration at 100/160°C
SmartCal Integration	Automated SmartCal test, RHT Sensor optional*
Level control	Level indicator
Instrument adjustment	
Heating module adjustment	2-point temperature adjustment at 100/160°C
Balance adjustment, external	Yes, 100 g default
Balance adjustment, internal	No

Method management	
Method memory	99
Drying programs	Standard, Rapid, Gentle
Switch-off	Automatic (five switch-off criteria), timed, free (mg/s, %MC/s, DC%/s)
Sample identifications	10
Automet	No
Freefactor	Yes
Result handling	
Control chart	Yes
Pass/Fail indication	Yes
Drying curves	Yes
User management	
Groups	10
Users	30
Connectivity	Ethernet, RS-232C, USB device, USB Host (2),WiFi
Printing	A4/Letter, strip print outs, PDF documents
Terminal display stand	optional
Accessories and consumables	Stand, RHT sensor, temperature calibration kit (HAE-TCC), SmartCal, sample pans

* Certified RHT sensors from Testo AG are supported (models: testo 435-2, testo 435-4, testo 635-2, testo 735-2)

www.mt.com/moisture

For more information