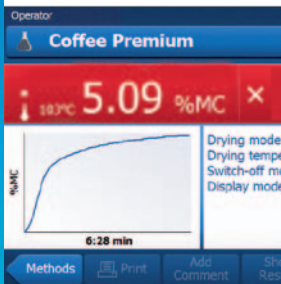# Moisture Analyzer HS153

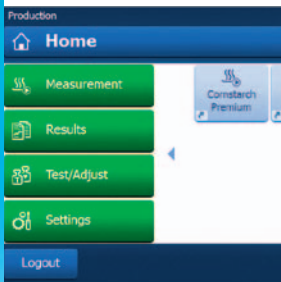# Boost Productivity
In Lab and Factory

Fast and accurate
The 2nd generation halogen technology features precise temperature control for rapid and homogenous heating of the sample, ensuring fast measurements and reproducible results.

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

Simple operations
The One Click™ interface sets new standard in safe, error-free operations. The home screen shows only the information required for daily routine work, shortcuts start methods with one click.

Clean in 30 seconds
The surface underneath the sample pan is flat and sealed, ideal for fast and easy cleaning. The weighing cell is fully protected against spilled samples.
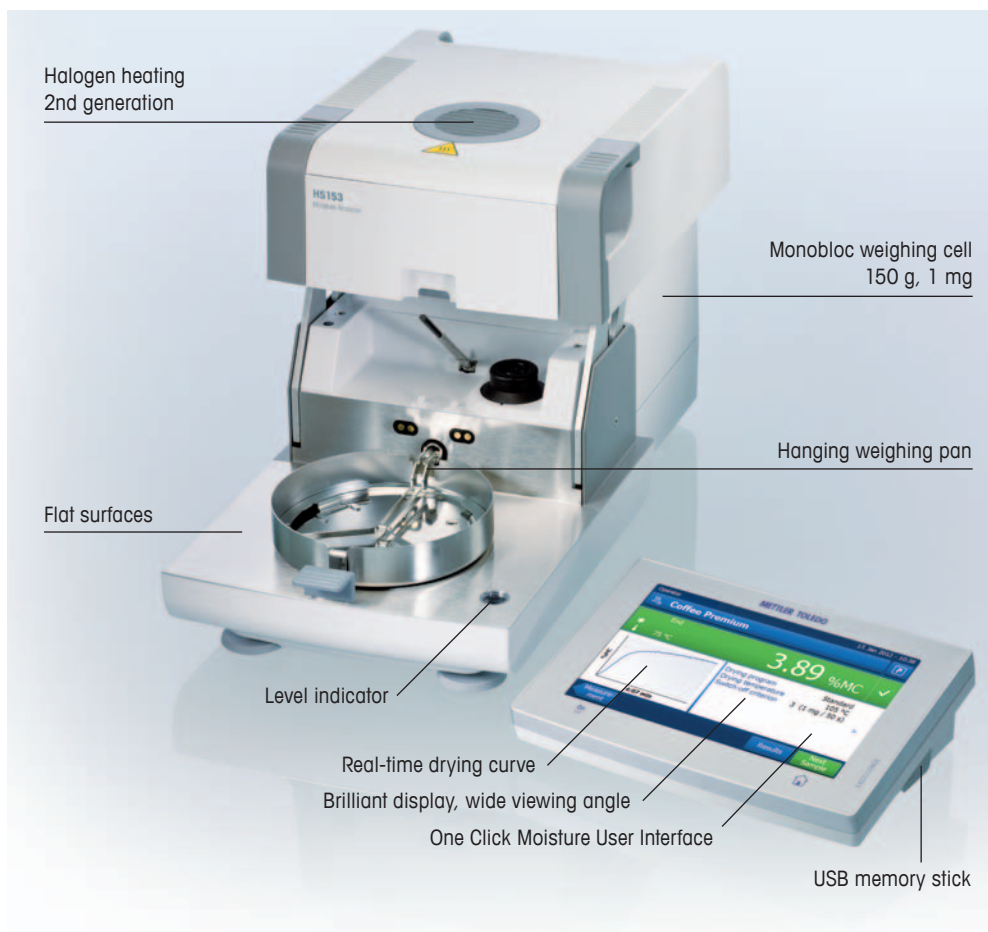
Halogen Moisture Analyzer HS153

When moisture content determines productivity, the HS153 is the instrument of choice. High speed testing and 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
• Full visualization
• Easy cleaning and long service life
• Error-free operations

METTLER TOLEDO

Moisture Analyzer HS153
Key design elements

Halogen heating 2nd generation

Monobloc weighing cell 150 g, 1 mg

Hanging weighing pan

Flat surfaces

Level indicator

Real-time drying curve

Brilliant display, wide viewing angle

One Click Moisture User Interface

USB memory stick

Technical data

Moisture content

Readability	0.01%
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

Balance

Technology	Monobloc
Capacity	150 g
Minimal sample weight	0.1 g
Readability	1 mg

Drying unit

Technology	Halogen
Temperatur range	40 - 230°C
Lid-opening	Manual

Routine tests

Balance test external weights	Sensitivity at free weight, 100 g default
Balance test internal weights	No
Heating module test	2-point temperatur calibration at 100/160°C

Instrument adjustment

Heating module adjustment	2-point temperatur adjustment at 100/160°C
Balance adjustment, external	Sensitivity at free weight, 100 g default
Balance adjustment, internal	No

Method management

Method memory	99
Drying programs	Standard, gentle, fast
Switch-off	Automatic (5), timed, free (mg/s, %/s)
Sample identifications	10
Test function	Yes

Result handling

Control chart	Yes
Drying curves	Yes

Quality management

Pass/Fail statement	Yes
Level control	Level indicator

User management

Groups	10
Users	30
Connectivity	USB Host (2), RS232C, Memory Card slot SD/SDHC

www.mt.com/hxhs

For more information