

# High Performance Moisture Analysis

## Accurate Results and Optimized Productivity



### Process Control and Optimized Productivity

Define multiple users with individual access rights to adhere to SOPs and regulations. Customizable control and warning limits for each method allow instant pass/fail decisions to be made by the user.



### Integrated Method Development Support

The integrated Method Wizard helps you to develop robust methods, delivering reliable moisture results with minimum effort.



### Versatile Data Transfer and Printing

For reporting, simply transfer data to a USB storage device or a file server through various interfaces. Print results on a strip printer or any printer in the network. Customizable reports and formats available.



### Innovative Design for Easy Cleaning

The hanging weighing pan and flat stainless-steel surface underneath allow fast and easy cleaning without the risk of dirt falling into the weighing cell.



## HS153

### Halogen Moisture Analyzer

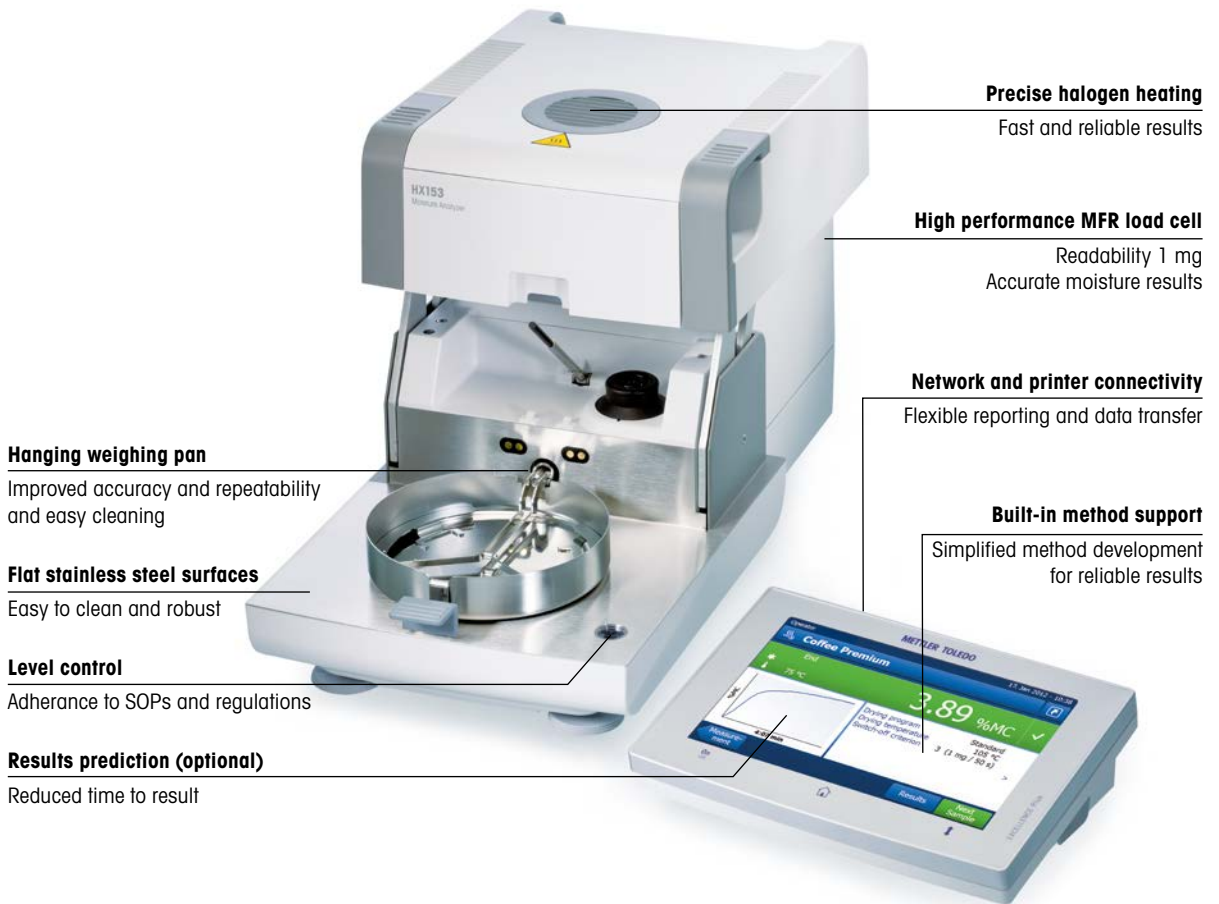
Equipped with a high-performance weighing cell separated from the heating source for best moisture results. Method flexibility ensures reliable results in quality control and in-process control, either in the lab or directly on the production floor. Integrated routine testing and quality management features help to ensure optimal instrument performance.

With the HS153 you also get:

- Safety and process control
- Precise halogen heating
- High-performance load cell
- Built-in quality assurance
- ID management
- Results prediction (optional)

# HS153

## Halogen Moisture Analyzer



**Precise halogen heating**  
Fast and reliable results

**High performance MFR load cell**  
Readability 1 mg  
Accurate moisture results

**Network and printer connectivity**  
Flexible reporting and data transfer

**Built-in method support**  
Simplified method development  
for reliable results

**Hanging weighing pan**  
Improved accuracy and repeatability  
and easy cleaning

**Flat stainless steel surfaces**  
Easy to clean and robust

**Level control**  
Adherence to SOPs and regulations

**Results prediction (optional)**  
Reduced time to result

### Technical data

<b>Repeatability</b>	0.05% with 2 g sample
	0.01% with 10 g sample
<b>Drying Programs</b>	Standard, Rapid, Gentle
<b>Readability</b>	1 mg, 0.01%MC
<b>Method Memory</b>	100
<b>Results Storage</b>	3,000
<b>Recommended %MC</b>	>0.5%
<b>Results Handling</b>	Control charts, Results overview, Real-time drying curve, QuickPredict (optional), A4 Network printing, Export to file servers
<b>ID Management</b>	10 IDs (entered manually or using a barcode scanner)
<b>User Management</b>	10 groups with 30 users, auto lock-out function
<b>Switch-Off Criteria</b>	5 automatic, free, timed (1–480 min)
<b>Drying Temperature</b>	40–230 °C (1 °C increments)
<b>Display Modes</b>	%MC, %DC, %AM, %AD, g, g/kg MC, g/kg DC, –%MC
<b>Interfaces</b>	Ethernet, USB device/USB host (2), RS232
<b>Capacity</b>	151 g
<b>Method Development</b>	Method Wizard, Test measurement
<b>Languages</b>	English, German, French, Spanish, Italian, Russian, Czech, Hungarian, Portuguese, Chinese, Japanese, Korean, Polish
<b>Display</b>	7" color touchscreen

### SmartCal™ Test Substance

	Material No.
SmartCal StarterPac	30005917
cSmartCal StarterPac	30005918
SmartCal12	30005792
cSmartCal12	30005793
SmartCal24	30005790
cSmartCal24	30005791

► [www.mt.com/smartcal](http://www.mt.com/smartcal)



## HS153

### Moisture Analyzer Power Consumption

Instrument Steady State	Approx. Power Consumption (W)*
Standby	7
100°C	50
160°C	75

\* Test results conducted by METTLER TOLEDO under ideal conditions without a sample at 115V and 230V.



### Accessories for Moisture Analyzers

		Material No.
<b>Sample Handling</b>	Aluminium sample pans	00013865
	Glass fiber filters	00214464
<b>Quality Management</b>	Certified temperature kit – HX/HS/HC	30020851
	Certified adjustment weight 100 g – HX/HS/HC	30406400
<b>Other Accessories</b>	Protective cover HX/HS	30822726
	Dust filters HX/HS	30020838
	Barcode reader (USB)	30417466
	Support stand HX/HS	30018474
	Printer holder HX/HS	30066692
	EasyDirect Moisture (Data Collection SW)	30522676
	License QuickPredict	30518268



Certified temperature kit, Certified adjustment weight