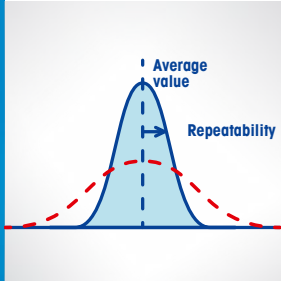# High Performance Moisture Analysis

Accurate Results and Compliance Ready

Accurate Results for All Sample Types

Get highly reliable and repeatable moisture results thanks to fast halogen heating and superior weighing performance with 0.001% moisture content readability.
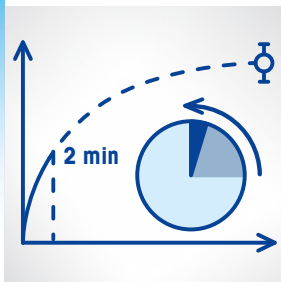
Increased Safety And Process Control

Define multiple users with individual access rights. Zero results and auto lock-out option increase efficiency while adhering to SOPs and regulations.

Built-In Testing Methods Ensure Performance

Integrated routine testing features ensure the instrument is always performing optimally: FACT, SmartCal and tests for the heating and weighing unit at the point of use.

Reduced Measurement Time With Results Prediction

The embedded QuickPredict™ function allows you to predict the final result of moisture measurements in a fraction of the usual measurement time. This allows quicker decision making and speeding up of further analysis/process steps.

HX204
Halogen Moisture Analyzer

A high-performance weighing cell with 0.001% moisture content readability separated from the heating source ensures best moisture results even when measuring very low moisture contents. Method flexibility ensures reliable results for any sample type in research, quality control and in-process control. Integrated routine testing and quality management features help to ensure optimal instrument performance and adherence to regulations.

With the HX204 you also get:

- Integrated method development support
- Quick and easy cleaning
- Network connectivity
- Level control
- Simple system integration and automation
- Tailor-made reporting
- ID management
- Control limits

METTLER TOLEDO

HX204
Halogen Moisture Analyzer

Precise halogen heating
Fast and reliable results

High performance MFR load cell
Readability 0.1 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

FACT and electronic level control
Ensured instrument performance

Results prediction
Reduced time to result

Technical data

Repeatability	0.05% with 2 g sample
	0.01% with 10 g sample
Drying Programs	Standard, Rapid, Gentle, Steps
Readability	0.1 mg, 0.001%MC
Method Memory	300
Results Storage	3,000
Recommended %MC	>0.01%
Results Handling	Control charts, Results overview, Real-time drying curve, QuickPredict, A4 Network printing, Export to file servers, Zero-results option
ID Management	10 IDs (entered manually or using a barcode scanner)
User Management	10 groups with 30 users, auto lock-out function
Switch-Off Criteria	5 automatic, free, timed (1–480 min)
Drying Temperature	40–230 °C (1 °C increments)
Test and Adjust	Freely definable temperature adjustment (80–200 °C)
	3rd testing temperature (50–200°C)
	Internal (FACT) and external weight test (0.1–200 g)
Display Modes	%MC, %DC, %AM, %AD, g, g/kg MC, g/kg DC, –%MC
Interfaces	WiFi, Ethernet, USB device/USB host (2), RS232, SD
Capacity	201 g
Method Development	Method Wizard, Test measurement
Languages	English, German, French, Spanish, Italian, Russian, Czech, Hungarian, Portuguese, Chinese, Japanese, Korean
Display	7" color touchscreen

Accessories for Moisture Analyzers

		Material No.
Sample Handling	Aluminium sample pans	00013865
	Glass fiber filters	00214464
Quality Management	Certified temperature kit – HX/HS/HC	30020851
	Certified adjustment weight 100 g – HX/HS/HC	30406400
Other Accessories	Protective cover HX/HS	30003957
	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

SmartCal™ Test Substance

	Material No.
SmartCal StarterPac	30005917
cSmartCal StarterPac	30005918
SmartCal12	30005792
cSmartCal12	30005793
SmartCal24	30005790
cSmartCal24	30005791
Thermohygrometer (RHT sensor) – HX/HS/HC	30020850

▶ **www.mt.com/smartcal**

www.mt.com/moisture

For more information