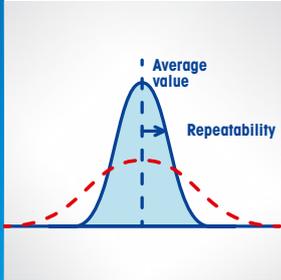


# High Performance Moisture Analysis

## 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.



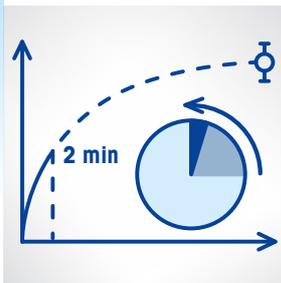
### Increased Safety And Process Control

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

# HX204

## Halogen Moisture Analyzer



**Precise halogen heating**  
Fast and reliable results

**High performance MFR load cell**  
Readability 0.1 mg  
Accurate moisture results

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

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

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

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

**FACT and electronic level control**  
Ensured instrument performance

**Results prediction**  
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, Steps
<b>Readability</b>	0.1 mg, 0.001%MC
<b>Method Memory</b>	300
<b>Results Storage</b>	3,000
<b>Recommended %MC</b>	>0.01%
<b>Results Handling</b>	Control charts, Results overview, Real-time drying curve, QuickPredict, A4 Network printing, Export to file servers, Zero-results option
<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>Test and Adjust</b>	Freely definable temperature adjustment (80–200°C)
	3 <sup>rd</sup> testing temperature (50–200°C)
	Internal (FACT) and external weight test (0.1–200 g)
<b>Display Modes</b>	%MC, %DC, %AM, %AD, g, g/kg MC, g/kg DC, –%MC
<b>Interfaces</b>	WiFi, Ethernet, USB device/USB host (2), RS232
<b>Capacity</b>	201 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

### 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)	30522671

### 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)

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For more information

Subject to technical changes  
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