**High Performance Moisture Analysis**

**Accurate Results and Compliance Ready**

**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

**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

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

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%MCI

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 fast (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

<table>
<thead>
<tr>
<th>Material No.</th>
<th>Sample Handling</th>
</tr>
</thead>
<tbody>
<tr>
<td>00013865</td>
<td>Aluminium sample pans</td>
</tr>
<tr>
<td>00214464</td>
<td>Glass fiber filters</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Material No.</th>
<th>Quality Management</th>
</tr>
</thead>
<tbody>
<tr>
<td>30020851</td>
<td>Certified temperature kit – HX/HS/HC</td>
</tr>
<tr>
<td>30406400</td>
<td>Certified adjustment weight 100 g – HX/HS/HC</td>
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</tbody>
</table>

Other Accessories

<table>
<thead>
<tr>
<th>Material No.</th>
<th>Other Accessories</th>
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</thead>
<tbody>
<tr>
<td>30003957</td>
<td>Protective cover HX/HS</td>
</tr>
<tr>
<td>30020838</td>
<td>Dust filters HX/HS</td>
</tr>
<tr>
<td>30417466</td>
<td>Barcode reader (USB)</td>
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<tr>
<td>30018474</td>
<td>Support stand HX/HS</td>
</tr>
<tr>
<td>30066692</td>
<td>Printer holder HX/HS</td>
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<tr>
<td>30522676</td>
<td>EasyDirect Moisture (Data Collection SW)</td>
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</table>

SmartCa™ Test Substance

<table>
<thead>
<tr>
<th>Material No.</th>
<th>SmartCal StarterPac</th>
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</thead>
<tbody>
<tr>
<td>30005917</td>
<td>SmartCal StarterPac</td>
</tr>
<tr>
<td>30005918</td>
<td>SmartCal2</td>
</tr>
<tr>
<td>30005792</td>
<td>SmartCal24</td>
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<tr>
<td>30005794</td>
<td>Thermohygrometer (RHT sensor) – HX/HS/HC</td>
</tr>
<tr>
<td>30005791</td>
<td>Thermohygrometer (RHT sensor) – HX/HS/HC</td>
</tr>
</tbody>
</table>

www.mt.com/moisture
For more information

METTLER TOLEDO Group
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