

All-Round Moisture Analysis For Lab and Production



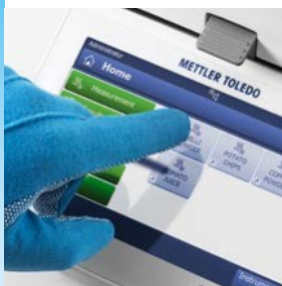
Intuitive Operation

The large 7" color touchscreen offers an easy to navigate user interface. The operator is guided graphically step by step through the workflow.



Robust and Compact Design

Tough metal housing and robust components guarantee a long instrument lifetime. Along with a space-saving design, this makes the HC103 a perfect choice for a busy lab or harsh production floor.



Quick Access to Methods And Results

Shortcuts allow quick and easy access to up to 20 methods. 100 results are stored per method name and can easily be reviewed in the results overview.



Easy Reporting

Production and quality control requires regular moisture testing for each batch. Print or export reports to USB flash drive. ID management, together with a barcode reader make documentation straightforward and easy.



HC103 Halogen Moisture Analyzer

Suitable for a variety of industries, the HC103 offers user-guided touchscreen operation with method shortcuts for ease-of-use. Its compact and robust design guarantees a long instrument lifetime and works for both quality and in-process control applications. The integrated method wizard helps you to develop robust methods delivering reliable moisture results.

With the HC103 you also get:

- Solid weighing technology
- Fast and precise halogen heating
- Intuitive operation
- ID management
- Setup wizard and instrument tutorial

HC103

Halogen Moisture Analyzer

Halogen Heating

Accurate temperature control

Built-In Method Support

Simplified method development for reliable results

Bright and Sharp Touchscreen

Easy to read

Real-Time Drying Curve

Progress overview



ID Management and Multiple Interfaces

Convenient data transfer and reporting

Flat Stainless Steel Surfaces

Easy to clean and robust

Graphical User Guidance

Intuitive for anyone to operate

Technical Data

| | |
|-------------------------------|---|
| Repeatability | 0.10% with 2 g sample |
| | 0.015% with 10 g sample |
| Drying Programs | Standard, Rapid |
| Readability | 1 mg, 0.01%MC |
| Method Memory | 20 |
| Results Storage | 100 |
| Recommended %MC | >1.0% |
| Results Handling | Results overview, Real-time drying curve |
| ID Management | 10 IDs (entered manually or using a barcode scanner) |
| Safety | Protection of Settings |
| Switch-Off Criteria | 5 automatic, free, timed (1–480 min) |
| Drying Temperature | 40–230°C (1°C increments) |
| Display Modes | %MC, %DC, %AM, %AD, g, g/kg MC, g/kg DC, –%MC |
| Interfaces | USB device/USB host (2), RS232 |
| Capacity | 101 g |
| Method Development | Method Wizard |
| Languages | English, German, French, Spanish, Italian, Russian, Czech, Hungarian, Portuguese, Chinese, Japanese, Korean, Polish |
| Display | 7" color touchscreen |
| Dimensions (W x D x H) | 192 x 385 x 169 mm (370 mm lid open) |

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 | 30216115 |
| | Dust filters – HC/HE/HB | 11113883 |
| | Dust filter housing – HC/HE | 30216118 |
| | Barcode reader (USB) | 30417466 |
| | 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 |

► www.mt.com/SmartCal

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For more information

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