

Moisture Analyzers



HC103 Halogen Moisture Analyzer

Convenient

Clever

Robust



Moisture Matters

Trusted Results at One Click™

METTLER TOLEDO

Trusted Results at One Click

Convenient, Clever and Robust

Make routine moisture determination easy with the HC103 halogen moisture analyzer which combines proven METTLER TOLEDO weighing technology with fast halogen heating. The compact design saves space, while the robust components guarantee a long instrument lifetime, whether you work in a busy laboratory or a harsh production environment.

With touchscreen operation and user guidance, the HC103 is convenient and easy to use. The robust design ensures reliable results for years to come, whatever types of samples you have. It's the perfect choice for quality control and in-process control applications.

Intuitive to operate and easy to clean, the HC103 brings a new level of comfort to your daily moisture analyzing tasks.

Convenient operation simplifies processes



- Large color touchscreen
- Direct access with One Click
- Programmable methods
- Multiple languages

Clever features ensure trusted results



- Setup wizard and tutorial
- Graphical user guidance
- Real-time drying curve
- Result reporting via PDF/CSV
- Instrument configuration via USB drive

Robust construction guarantees long lifetime



- Metal housing
- Easy to clean
- Reliable halogen technology
- Long-term availability of spare parts



Halogen heating

Accurate temperature control between 40-230 °C



High performance weighing cell

Accurate moisture results

Bright and sharp touchscreen

Easy to read

Real-time drying curve

Progress overview

RS232 and USB interfaces

Convenient data transfer

Flat stainless steel surfaces

Easy to clean and robust

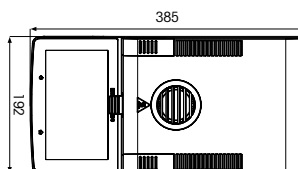
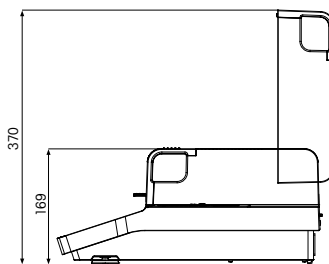
Graphical user guidance

Intuitive for anyone to operate



HC103 Technical Data

Capacity	101 g
Readability	1 mg, 0.01% MC
Repeatability	0.10% (2 g sample), 0.015% (10 g sample)
Heating	Halogen
Temperature range	40 – 230°C (1°C increments)
Drying programs	Standard, Rapid
Switch-off	Automatic (5 SOC and free), timed
Display modes	%MC, %DC, %ATRO MC, % ATRO DC, g
Method memory	20
Results storage	100
Connectivity	USB host (2), USB device, RS232
Display	7" color touchscreen
Languages	en, de, fr, es, it, pl, cz, hu, pt, ja, zh, ko



Moisture expertise

Benefit from our moisture solutions, eLearning courses, application methods, white papers and more.



Instrument performance verification

The SmartCal™ reference substance verifies the performance of your moisture analyzer in a simple 10 minutes test.



Temperature adjustment kit

Periodically test and adjust the halogen heating temperature automatically with this easy-to-use kit.

METTLER TOLEDO Service

Our worldwide service network is always on hand to support you with calibration and maintenance to keep your moisture analyzer performing at its peak.

► www.mt.com/service

www.mt.com/moisture

For more information

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Subject to technical changes
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