

Make routine moisture determination easy with the HC103 halogen moisture analyzer. With touchscreen operation and user guidance, the HC103 is convenient to use. The robust design ensures reliable results for years to come, whatever types of samples you have

**Mettler Toledo®**

Manufacture: Mettler
Toledo

SKU: 30216103

Weight: 22.00 lb

Free Ground Shipping within
the 48 continental US States

Please Call
(800)832-0055

Features

Hal. Moisture Analyzer HC103 (115V)

Convenient, clever and robust

Make routine moisture determination easy with the HC103 halogen moisture analyzer. With touchscreen operation and user guidance, the HC103 is convenient to use. The robust design ensures reliable results for years to come, whatever types of samples you have.

1. Halogen heating - accurate temperature control between 40-230 °C
2. High performance weighing cell - accurate moisture results
3. Bright and sharp touchscreen - easy to read
4. Real-time drying curve - progress overview
5. Graphical user guidance - intuitive for anyone to operate
6. Flat stainless steel surfaces - easy to clean and robust
7. RS232 and USB interfaces - convenient data transfer
8. ID management with barcode scanner – simple documentation

Trusted results – day by day

Watch the video and learn more about routine moisture determination. The advanced moisture analyzer HC103 is the perfect choice for quality control and in-process control applications.



Convenient operation simplifies processes

With touchscreen operation and user guidance, the HC103 is convenient and easy to use. The graphical user interface makes you feel at home right away. Start a measurement immediately with one click.

Clever features ensure trusted results

- Setup wizard and tutorial
- Graphical user guidance
- Leveling guidance
- Real-time drying curve
- Result reporting via PDF/CSV
- Instrument configuration via USB drive
- ID management with barcode scanner

Easy setup - The wizard guides you step by step through the processes. The instrument tutorial is ready to support you with any question, directly on the instrument.

Real-time drying curve - Measurement progress overview

Simple configuration - Often several instruments are used in parallel. You only need to configure one unit (for example language, print settings, method, shortcuts etc.) and then you simply transfer these settings to the other units using a USB flash drive.

Robust construction guarantees long lifetime

Robust components guarantee a long instrument lifetime, whether you work in a busy laboratory or a harsh production environment. Flat stainless steel surfaces enable fast cleaning

- Robust metal housing - Guarantees long lifetime
- Halogen heating - Accurate temperature control between 40-230 °C
- Flat stainless steel surfaces - Chemical-resistant and easy to clean

Moisture Expertise Benefit from our moisture solutions, eLearning courses, application methods, white papers and more. [Download the free Moisture Guide](#)
[eLearnin "Proper Moisture Determination"](#)

Quick Start Guide

Benefit from our know-how with everything you need to start moisture analysis straight away. Watch the Quick Start Guide videos and learn more about

- Unpacking
- Installation

- User interface
- First measurement
- Instrument configuration
- Routine testing
- Tips and tricks

[HC103 Moisture Analyzer Installation Instructions](#)

Performance verification for trusted moisture results

Advanced moisture analyzer should be routinely tested in between service intervals to give confidence that moisture measurements are consistently correct. With SmartCal we offer a unique test substance that verifies the overall performance of your moisture analyzer in a simple 10 minute test.

[Learn more about routine testing using SmartCal](#)

Looking for a replacement of your HB43-S or HB43?

Choose the HC103 as the successor to your HB43-S or HB43 halogen advanced moisture analyzer. With robust construction and excellent repeatability, you benefit from the same reliable performance and quality. As its predecessors HB43 and HB43-S, the HC103 is the all-rounder for routine moisture tasks:

- Fast Measurements
- User friendly operations
- Easy Cleaning
- Robust Construction
- Compact Desig

Specifications

HC103

Capacity x Readability	101 g x 0.01 g
Repeatability (sd) with 2g Sample	0.1 %
Repeatability (sd) with 10g Sample	0.015 %
Readability (other) (Material)	0.01 %MC
Storage	100 Results 20 Methods
Drying Programs (text)	Standard Rapid
Drying Temperature	40 °C – 230 °C
Recommended Moisture Range	1.0 - 100 %MC

Result Handling	Real-Time Drying Curve Result Overview ID Management
User Management	Protection of Settings
Switch-off criteria	<ul style="list-style-type: none">• 5 Automatic (SOC 1-5)• Freely Definable (1-10 mg/ 5-300 s)• Freely Definable (% Weight Loss/s)• Timed
Test & Adjust	Temperature (100/160) Weight SmartCal
Temperature Increments	1 °C
Maximum Capacity	101 g
Voltage	115V
Display Mode	<ul style="list-style-type: none">• %MC• %DC• %AM• %AD• g• g/kg MC• g/kg DC

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