

Simple Moisture Analysis

Reliable and Affordable Performance



Bright, Clear Display

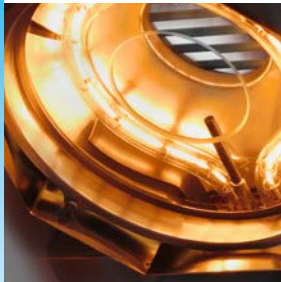
Thanks to large numbers and the brilliant LCD display, information and results are easy to read in all lighting conditions.



Simple 3-Step Operation

So straightforward everyone can perform moisture analysis:

1. Tare the empty weighing pan
2. Evenly distribute your sample
3. Press start and see the result in just a few minutes



Affordable Quality

The HE53 provides excellent value for money with halogen drying technology and a high performance weighing unit.



Rugged Construction

With a robust metal housing and easy-to-clean stainless steel surface, the HE53 has been designed to provide you with years of reliable service.



HE53

Halogen Moisture Analyzer

The HE53 halogen moisture analyzer is a robust and affordable instrument for determining the moisture content of common everyday samples. With on-screen assistance and easy 3-step moisture measurement process, it is simple to use, even for untrained operators. It is perfect for when you have a tight budget but require reliable performance.

With the HE53, you also get:

- Reliable results
- Intuitive operation
- Easy printer connection

HE53

Halogen Moisture Analyzer

Halogen heating

Accurate temperature control for precise drying

Brilliant display

Easy to read

Progress indicator

View measurement progress in real-time



RS232 connection for printer

Fast and error-free documentation

Robust construction

Space-saving and easy-to-clean design

Weighing unit

High performance weighing cell

Technical Data

Repeatability	0.15% with 2 g sample
	0.05% with 10 g sample
Drying Programs	Standard, Rapid
Readability	1 mg, 0.01 %MC
Method Memory	1
Results Storage	1
Recommended %MC	1.0–100 %MC
Results Handling	Progress indicator
Switch-Off Criteria	1 automatic, timed (1–120 min)
Drying Temperature	50–160 °C (1 °C increments)
Test and Adjust	Temperature adjustment 100 °C/160 °C
	External test weight 50 g
Display Modes	%MC, %DC, %AM, %AD, g
Interfaces	RS232
Capacity	54 g
Display	Backlit LCD
Dimensions (W × D × H)	183 × 334 × 161 mm (341 mm cover open)

Accessories for Moisture Analyzers

		Material No.
Sample Handling	Aluminium sample pans	00013865
	Glass fiber filters	00214464
Quality Management	Certified temperature kit – HE	30134141
	Certified adjustment weight 50 g	30402574
Other Accessories	Protective cover	30209145
	Dust filters – HC/HE	11113883
	Dust filters housing – HC/HE	30216118
	Printer, e.g. RS-P25/01	11124300

SmartCal™ Test Substance

	Material No.
SmartCal StarterPac	30005917
cSmartCal StarterPac	30005918
SmartCal12	30005792
cSmartCal12	30005793
SmartCal24	30005790
cSmartCal24	30005791

► www.mt.com/smartcal

METTLER TOLEDO Group

Laboratory Weighing
Local contact: www.mt.com/contacts

Subject to technical changes
© 08/2020 METTLER TOLEDO. All rights reserved
30609986A
Group MarCom RITM656512 MB

www.mt.com/moisture

For more information