

# 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

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

## Accessories for Moisture Analyzers

		Material No.
<b>Sample Handling</b>	Aluminium sample pans	00013865
	Glass fiber filters	00214464
<b>Quality Management</b>	Certified temperature kit – HE	30134141
	Certified adjustment weight 50 g	30402574
<b>Other Accessories</b>	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](http://www.mt.com/smartcal)

### METTLER TOLEDO Group

Laboratory Weighing  
Local contact: [www.mt.com/contacts](http://www.mt.com/contacts)

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For more information