

Moisture Determination at the Speed of Light

HR73. The high-end model. Professional, systematic moisture measurement to fulfill the highest possible requirements.



Drying at light speed. Halogen technology heats the sample in seconds. The drying temperature can be precisely controlled. The result is a considerably shorter measurement time compared with conventional methods, and better reproducibility of the measured values.



Certified testing aids. The METTLER TOLEDO testing aids for the halogen moisture analyzers are seamlessly traceable to international standards.

HB43. Strong performer. Wherever quality must be assured every time, and standards uncompromisingly met, the HB43 is the ideal instrument.



Reliable routines. Simple operation and high-quality measuring and heating technology make the HG53 Halogen Moisture Analyzer ideal for standardized routines.

The right instrument for every application

- Ultra-rapid halogen drying
- Maximum precision and reproducibility
- Can be integrated into quality management systems
- Simple operation
- Multilingual user guidance

Accessories for all halogen moisture analyzers

- Temperature adjustment set HA-TC
- Certified temperature adjustment set HA-TCC
- Recertification of certified temperature adjustment set HA-TCC-Re
- Reusable sample pans HA-DR1 (set of 3)
- Sample pan handler HA-PH (set of 3)
- External printer LC-P45 (GA42 for HB43 only)



HR73

HG53

HB43

Measured values	HR73	HG53	HB43
Readability	0.01%	0.01%	0.01%
Repeatability (s) (2 g sample)	0.1%	0.1%	0.15%
Repeatability (s) (10 g sample)	0.02%	0.02%	0.03%
Evaluation			
Moisture content in %	•	•	•
Dry content in %	•	•	•
Dry weight in g	•	•	•
Calculation based on dry weight (moisture, dry weight)	•	•	•
Balance			
Maximum sample weight	71 g	51 g	41 g
Minimum sample weight	0.1 g	0.1 g	0.5 g
Readability	1 mg	1 mg	1 mg
Drying unit			
Technology	halogen	halogen	halogen
Temperature range	50 – 200 °C	50 – 200 °C	50 – 200 °C
Adjustment steps	1 °C	5 °C	5 °C
Temperature programs	4	1	2
Switch-off criterion			
Timed (minutes)	1 – 480	1 – 480	1 – 480
Automatically (five settings)	•	•	•
Automatically (freely selectable)	•		
Test aid	•	•	
Adjustment of balance and dryer	2 points	2 points	2 points
Automatic sample feed	•	•	manual
Printer (incl. results, statistics, user ID)	installable	installable	external
Display	LCD backlit	LCD	LCD backlit
LocalCAN Universal interface/RS232C	•	•	RS232C
Additional functions, database			
Method memory for 20 substances	•		
Statistics, journal maintenance	•		
Sample identifications	•		
Weighing-in aid	•	•	

Certified versions on request

You will find further information on moisture analyzers, as well as on the standard and optional equipment, in our lab catalog.

Accessories for HR73 and HG53

- Add-on printer HA-P43
- RS232 25-pin interface cable to connect computer LC-RS25
- RS232 9-pin interface cable to connect computer LC-RS9
- Transport case HA-CASE
- Sample pan for bulky samples HA-CAGE
- Protective cover for keyboard, resistant to chemicals HA-COVER (set of 2)
- 50 g adjustment weight

Accessories for HB43

- Antitheft device
- 20 g adjustment weight
- Transport case
- Protective cover resistant to chemicals
- Interface cable to connect computer

Consumable articles

- Printer paper for all printers (set of 5 rolls)
- Ink ribbon for all printers (cassette, black)
- Standard sample pan HA-D90 (set of 80)
- Professional sample pan, extra strong (set of 80)
- Absorbent glass-fiber disks for liquid substances HA-F1 (set of 100)

Spare parts

If you need spare parts for your halogen moisture analyzer, please contact your METTLER TOLEDO dealer.



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 Environmental certificate ISO 14001
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 Printed in Switzerland 11795122
 MCG MarCom Greifensee