

# Compact Analytical Power For Laboratory and Production



## Halogen heating for best results

The circular halogen lamp ensures quick, uniform sample heating. Superior technology for highly reproducible results within minutes.



## 2 direct method keys: Simple to use

Directly switch between two drying methods at the click of one button. The method name is displayed in clear text at all times.



## Rugged and easy to clean

The rugged design guarantees a long service life. If samples should be spilled, flat surfaces and excellent access to the sample chamber makes cleaning easy.



## Method Library

More than 100 ready-to-use methods simplify method development. All methods correspond to official regulations.



## Brilliant display – precise, error-free results

The large and brilliant display is easy to read. Alphanumeric method names and the target-weight indication ensure precise results. Customized method names describe your substances.



## HB43-S Compact Halogen Moisture Analyzer For laboratory and production

The HB43-S Halogen Moisture Analyzer combines outstanding halogen heating technology with strong analytical power in a compact format.

Samples are heated uniformly for quick and highly reproducible results. Large keys and the clear display allow easy and intuitive operation. The HB43-S offers two drying methods for enhanced productivity. Switch between the methods at the click of one button. Each method name is written in full text for error-free operation. The innovative method library of the HB43-S provides ready-to-use methods for more than 100 substances, making method development quick and simple. The compact and robust design makes the HB43-S ideal for routine use, both in lab and in production environments.

**The HB43-S: analytical power in a compact format.**

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## Halogen heating

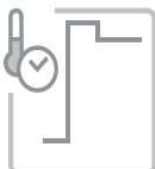
Fast, highly reproducible results right from the first measurement.

## Routine operation without touching a button

Just open the cover and the HB43-S leads you step by step through the analysis.

## Optimal switch-off criteria

The analysis is automatically finished once constant weight is achieved: 5 automatic switch-off criteria and timer mode for best results.



## Fast

Analyses are often needed instantly. For this reason the HB43-S has a predefined rapid drying program.

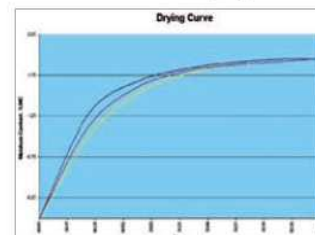
## One click method selection

Select the method with one click. The name is displayed in clear text.



## LabX direct moisture software (optional)

Automatic transfer of data to Excel and visualization as drying curve.



## GLP / GMP compliance

Measurements, calibrations and adjustments are documented fully GMP/GLP compliant on the optional printer.

## Brilliant display Easy to use

The large display provides full information, including unique alpha-numeric method names and user guidance with icons.

## Consumables & Printers

	Part No.	Remarks
<b>Sample handling (∅90 mm)</b>		
Aluminum sample pan, HA-D90	00013865	Set of 80
Glass-fiber disks, HA-F1	00214464	Set of 100
Prof. aluminum sample pan (extra strong)	11113863	Set of 80
Reusable sample pan (steel, height 6 mm) HA-DR1	00214462	Set of 3
<b>Printers</b>		
Printer RS-P42	00229265	
Printer RS-P25	11124300	
Printer paper	00072456	Set of 5 rolls
Printer paper (self-adhesive)	11600388	Set of 3 rolls
Printer ribbon, black	00065975	Set of 2

## Accessories & QM Tools

LabX direct moisture software	11120339	
Temperature adjustment set, HA-TC (without calibration certificate)	00214455	
Temperature adjustment set, HA-TCC (incl. calibration certificate)	00214528	40 °C to 200 °C
Certified adjustment weight 20 g (class F1)	11119529	
Interface cable RS9-RS9 (RS232/9 pole; m/f)	11101051	Length 1m
Chemical-resistant protective cover	01113363	Set of 2



Thanks to its perfect surface finish, the METTLER TOLEDO aluminum sample pan is best suited for all applications.



The absorbent glass fiber filter is beneficial for liquid or pasty substances. It significantly reduces the analysis time.

## Specifications HB43-S

Part No. HB43-S	11121800
<b>Measurement values</b>	
Readability	0.01%
Repeatability (sd) with 2 g sample	0.10%
Repeatability (sd) with 10 g sample	0.015%
<b>Evaluation</b>	
Moisture and dry content in %	✓
Weight in g	✓
ATRO dry, ATRO moisture	✓
<b>Balance</b>	
Max. sample weight	54 g
Readability	1 mg
<b>Drying unit</b>	
Technology	Halogen
Temperature range	50–200 °C
Adjustment increments	1 °C
Temperature programs	Standard, Rapid, LP16
<b>Switch-off</b>	
Automatic: 5 steps, 1 mg/10 ... 140s + free criteria	
Time controlled (minutes) & manual	1–480 min.
<b>Quality Management</b>	
Change protection	✓
GLP/GMP-compliant printouts	✓
<b>Number of programs</b>	
	<ul style="list-style-type: none"> <li>• 2 active drying programs, A + B</li> <li>• 100 in method library</li> </ul>
<b>Languages</b>	
	English, German, French, Italian, Spanish, Portuguese, Nihongo, Russian



## IPac Moisture

IPac Moisture Analyzer ensures quality of results and regulatory compliance right from the first measurement.

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