

## 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.



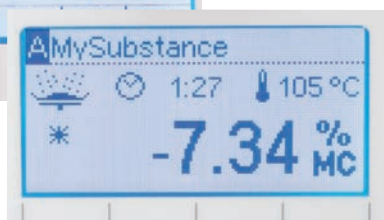
### Rugged and easy to clean

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.



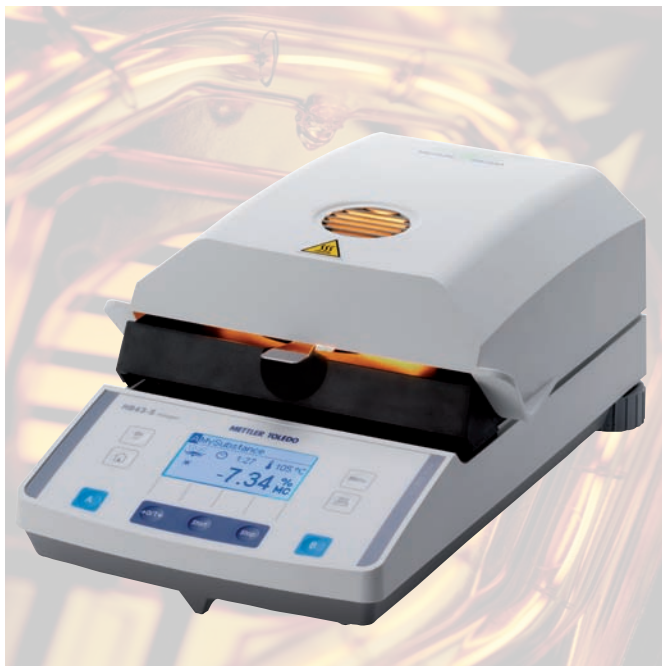
### Method Library

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.**

## 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.

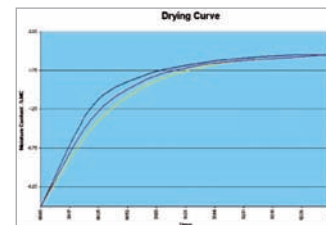
## One click method selection

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

<b>Part No. HB43-S</b>	<b>11121800</b>
<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.

**GWP®**  
Good Weighing Practice™  
[www.mt.com/GWP](http://www.mt.com/GWP)



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