

## Compact Analytical Power For Lab and Production



### Halogen heating for best results

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



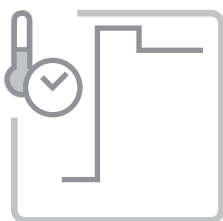
### Easy operation

Large keys and the bright display make operation easy. Your settings can be protected by locking the keypad.



### Rugged and easy to clean

The rugged design has proven itself consistently over time. Should samples be spilled, flat surfaces and excellent access to the sample chamber make cleaning easy.



### Fast

Analyses in production are often urgent. For this reason the HB43 has a predefined rapid drying program.



### HB43 Compact Halogen Moisture Analyzer

The HB43 Halogen Moisture Analyzer combines the outstanding halogen heating technology, which was invented by METTLER TOLEDO, with strong analytical power in a compact format.

Samples are heated uniformly for quick and highly reproducible results. Large keys and a clear display allow easy and intuitive operation. And the compact and robust design makes the HB43 ideal for rugged use, both in lab and production environments.

**The HB43: analytical power in compact form.**

## Routine operation without touching a button

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

## Patented sample pan handler

The patented sample pan handler makes handling hot samples easy – tweezers or burned fingers belong to the past.

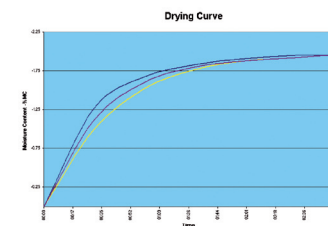
## Optimal switch-off criteria

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



## LabX direct moisture software (optional)

Automatic transfer of measurement data to Excel and visualization as drying curve. Excel template of drying curve for easy start included.



## GLP/GMP-compliant printout

The HB43 features time and date. The print-outs (on external printer) document each analysis in a fully GLP/GMP-compliant way.

## Accessories

	Part No.	Remarks
<b>Sample handling (∅90 mm)</b>		
Aluminum sample pan, HA-D90	13865	Set of 80
Glass-fiber disks, HA-F1	214464	Set of 100
Prof. aluminum sample pan (extra strong)	11113863	Set of 80
Reusable sample pan (steel, height 6 mm) HA-DR1	214462	Set of 3
<b>Printers</b>		
Printer RS-P42	229265	
Printer paper	72456	Set of 5 rolls
Printer paper (self-adhesive)	11600388	Set of 3 rolls
Printer ribbon, black	65975	Set of 2
<b>LabX direct moisture software</b>		
Temperature adjustment set, HA-TC (without test certificate)	11120339	
Temperature adjustment set, HA-TCC (incl. retraceable test certificate)	214455	
Temperature adjustment set, HA-TCC (incl. retraceable test certificate)	214528	40 °C to 200 °C
Adjustment weight 20 g (class F1)	158640	
Interface cable RS9-RS9 (RS232/9 pole; m/f)	11101051	Length 1m
Chemical-resistant protective cover	1113363	Set of 2



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

## Specifications HB43

<b>Part No. HB43</b>	<b>11113000</b>
<b>Measurement values</b>	
Readability	0.01%
Repeatability (sd) with 2 g sample	0.15%
Repeatability (sd) with 10 g sample	0.03%
<b>Evaluation</b>	
Moisture and dry content in %	✓
Dry content in g	✓
ATRO Dry, ATRO moisture	✓
<b>Balance</b>	
Max. sample weight	41 g
Readability	1 mg
<b>Drying unit</b>	
Technology	Halogen
Temperature range	50–200 °C
Adjustment increments	5 °C
Temperature programs	2; Standard & Rapid
<b>Switch-off</b>	
Time controlled (minutes) & manual	1–480
Automatic (in 5 steps) + free criteria	✓
<b>Quality Management</b>	
Change protection	✓
GLP/GMP-compliant printouts	✓



The absorbent glass-fiber filter is beneficial for liquid or pasty substances. For a further reduction in analysis time.



Quality certificate ISO9001  
Environment certificate ISO14001  
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Worldwide service

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For more information