



Be the best by buying the best

Laboratory balances

With OHAUS you can afford the best!

In a laboratory environment the importance of accurate results is a given, but other considerations such as limiting time and sample wastage and effective documentation can also be critical. Our Adventurer Pro™, Discovery and MB45 have been conceived to offer more than just reliability and accuracy, they are also packed with smart features to help you maximise efficiency and control your costs - in short, they quickly pay for themselves!



Adventurer™ Pro Balances

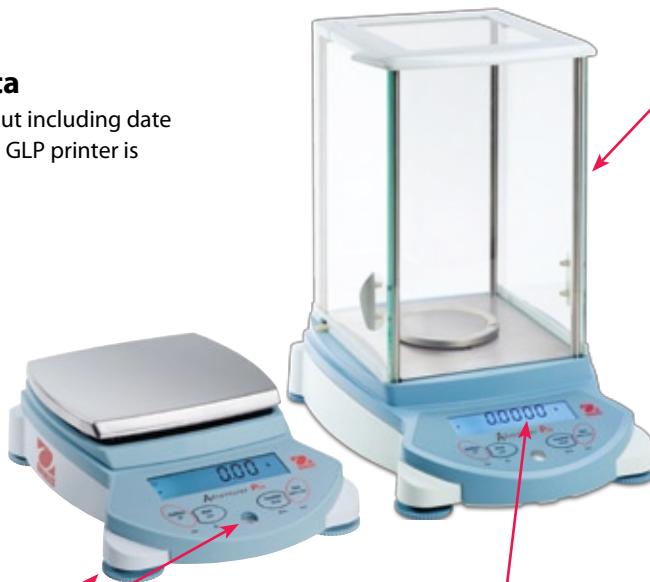
The most complete balance in its class

With a complete range of analytical and precision balances from 110g x 0.1mg to 8kg x 0.1g, EC Type Approval, multiple applications, plus a host of features and options, Adventurer Pro offers flexibility at an affordable price.

Built-in GLP/GMP Data

Complete GLP/GMP data output including date and time, means an expensive GLP printer is unnecessary.

```
Weigh Mode
OHAUS
2/18/05
Bal ID 1234567
USER ID VERSATILE
PROJ ID 123456789
NAME.....
21.01 g
```



Frameless Flip-Top Draftshield

0,1mg and 1mg models feature a frameless, flip-top draftshield designed without a top rail for easy access into the weighing chamber. This smart design helps to optimise workflow and eliminate spillage thus saving money. Every glass can panel can also be popped out in seconds for ultra-fast and simple cleaning.



QuadraStance™ Design

The QuadraStance™ design incorporates four adjustable feet to provide superior footprint stability which enhances the weighing stability of the balance. Coupled with the front level indicator, levelling is also quick and simple.



SmarText™ Software

SmarText™ software utilizes simple text prompts to guide users easily through balance setup and application use. Utilizing the 2-line backlit LCD, SmarText™ simultaneously displays weight and application specific information for a complete at-a-glance view.



Connectivity

Along with RS232 as standard, factory-installed USB or second RS232 options allow connection to multiple peripherals.



InCal™ Internal Calibration

The optional InCal allows the user to calibrate the balance without the need for external weights.

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Discovery Analytical Balances

The Professional's choice for analytical applications up to 0.01mg

The design and functionality of the Discovery delivers tried and tested performance with repeatability and linearity 2 x better than most other balances in its class.

Rear Mounted Load Cell

Ensures ultimate heat isolation, stability and accuracy plus increased sensitivity.

Advanced AutoCal™

Autocal™ utilizes 2 internal weights to perform a three point linearization for effortless accuracy. The intelligent system automatically calibrates the balance when it senses a temperature change.

Rugged Design

All glass and steel construction for excellent static resistance and corrosion protection.

Applications

Pipette calibration, Density determination, Dynamic weighing, Parts counting, % weighing, and many more.

SmarText™ Software

SmarText™ Software utilizes text prompts to guide the user through multiple applications.



Built-in GLP/GMP Data

The built-in Statistics register Deviation, Relative Deviation, Mean, Sum, Maximum and Minimum readings. Both statistics and complete GLP/GMP data output including date, time are available for all applications, eliminating the need for an expensive GLP printer.

MB45 Moisture Analyser

The standard in high performance moisture content determination

The MB45's customisation capability and flexible halogen heating methods are indispensable for measuring a variety of samples in a diverse range of industries. For a perfect correlation with reference methods, optimum performance and ease of use, the MB45 also offers an impressive array of features.

Enhanced Heating Options

To take into account the material and its absorbent properties at the surface of the sample, MB45 features four basic temperature profiles:

Standard - for minimal overshoot while achieving temperatures quickly

Fast - for quickest possible time to temperature

Step - for tighter control of the drying temperature

Ramp - for controlled ramping to temperatures

Auto Shut-Off Options

Auto shut-off criteria can be defined manually, but the MB45 also has three pre-configured options to ensure accurate and reproducible results.

1. **Timed Instrument** shuts off automatically at a preset time
2. **Auto Instrument** automatically shuts off, based on weight loss per unit time
3. **Auto free switch-off** allows the user to define shut off criteria according to weight loss per unit time

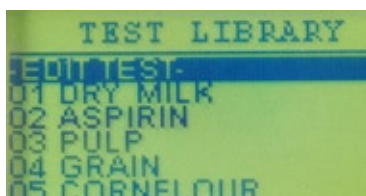


Statistics, GLP/GMP Printing

The MB45's statistical function allows simple tracking and recording of standard deviation over time. For traceability, GLP and GMP, Weight calibration, Temperature calibration and Test data can be printed or complete reports documented via the RS232 port (including time and date).

Test Library & Database

An integrated database stores up to 50 drying procedures to maximise productivity. Simply recall the test from memory (in 5 languages) and start!



MOISTURE DETERMINATION	
Switchoff mode	Auto 60
Dry Profile	Standard
Drying Temp.	100C
Result	%Moisture
Initial Weight	10.098G
00:30 Min	-9.17 %MC
01:00 Min	-12.35 %MC
01:30 Min	-15.28 %MC
02:00 Min	-21.94 %MC
⋮	
03:13 Min	-24.64 %MC
⋮	
05:00 Min	-29.36 %MC
05:21 Min	-31.94 %MC
Elapsed Time	05:21 Min
Final Weight	9.085G
Final Result	-31.94 %MC
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