Precision Balance - 0.1 g Electronic Weighing Scale - 1100/2100 g, Φ130 mm Pan

Model **MSBP-1K-BSWISS, MSBP-2K-BSWISS** | Brand **Master Science**





The Master Science 0.1 g Precision Balance is a compact bench balance for routine weighing where one decimal place is enough. Two capacities are available, 1100 g and 2100 g, both reading to 0.1 g and stabilising within three seconds.

KEY HIGHLIGHTS

- Simple and quick
- Works anywhere
- Easy to read
- Everyday functions built in
- Protected against misuse

AT A GLANCE

0.1 g READABILITY	**0.2 g** REPEATABILITY
0.3 g LINEARITY	**Φ130 mm** PAN SIZE

Request a Quotation
Contact us for pricing, configuration options and delivery details.

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Overview

Because it runs on AC or DC power, the Master Science 0.1 g Precision Balance can be used at a fixed bench or moved to wherever weighing is needed. The LCD has a white backlight with black characters for easy reading.

Key Benefits

Simple and quick
: the Master Science 0.1 g Precision Balance settles in 3 seconds or less.

Works anywhere
: AC and DC power supply.

Easy to read
: white-backlit LCD with black digits.

Everyday functions built in
: tare, counting and unit conversion.

Protected against misuse
: overload alarm and level indicator.

For finer readability on heavier loads, see the Master Science 0.01 g precision balance.

Technical Specifications

GENERAL	
General	Specifications of the Master Science 0.1 g Precision Balance are listed below.
Brand	Master Science
Model Number	MSBP-1K-BSWISS, MSBP-2K-BSWISS
SKU	MSBP-1K-BSWISS, MSBP-2K-BSWISS
Capacity	**1100 g (MSBP-1K-BSWISS); 2100 g (MSBP-2K-BSWISS)**
Readability	**0.1 g**
Repeatability	0.2 g
Linearity	0.3 g
Minimum Weighing	0.1 g
Stabilisation Time	≤3 s
Calibration	External calibration
Weighing Units	g, ct, oz
Operating Temperature	5 to 25°C
Power	AC and DC power supply

DIMENSIONS & WEIGHT	
Pan Size	Φ130 mm
Outline Size	270 x 195 x 85 mm
Net Weight	2.5 kg
Container weight must be deducted	: the tare key removes it.

DISPLAY & DATA	
Display	LCD, white backlight with black characters
Display hard to read in dim rooms	: the LCD is backlit.

COMMON PROBLEMS THIS BALANCE SOLVES	
Common Problems This Balance Solves	Basic weighing jobs still run into practical snags.
No mains socket near the work	: the balance also runs on DC power.
Overloading damages the balance	: an overload alarm warns the operator.

Applications

The Master Science 0.1 g Precision Balance is suitable for general weighing in: School and teaching laboratories Reagent and sample preparation Production and packing checks Field or mobile use on DC power

Design

- Compact, modern appearance
- LCD with white backlight and black characters
- AC and DC power supply
- Level indicator

Functions

- Tare function and counting
- Unit conversion: g, ct, oz
- Minimum weighing setting
- Overload alarm

Optional Accessories

- Dual display
- RS232 interface
- Printer
- Calibration weight