

NewClassic MS

High-Capacity Balances 1 g



Robust aluminum housing

The robust housing made of high-quality aluminum protects the sensitive sensor from environmental influences and impacts. It is also resistant to chemicals. For guaranteed consistency and precision year after year – even with intensive use.



MonoBloc inside

MonoBloc, the proven high-performance weighing cell developed by world leader in weighing technologies, METTLER TOLEDO, guarantees a long service life and extreme ruggedness.



Large weighing platform

The large robust weighing pan provides a stable surface for the weighing of bulky items.



User-friendly operation

The HCD (High Contrast Display) with big numbers, clear symbols and an intuitive menu enables users to operate the balance quickly and easily. And with three freely programmable **SmartKeys**, routine tasks can be started at the touch of a button.



NewClassic Precision Balances with Large Weighing Platform

No more compromises between sample size and weighing precision. NewClassic precision balances with a large weighing platform offer a winning combination of strong performance and extreme robustness, thanks to the use of FACT – fully automatic time- and temperature-controlled internal adjustment – and proven MonoBloc weighing technology, all safely embedded in a chemical-resistant aluminum housing. As an added bonus, the NewClassic balances can increase productivity due to their fast settling time.

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Model overview



Technical Data	MS32000L	MS32000LE*
Limit values		
Maximum capacity	32200 g	32200 g
Readability	1 g	1 g
Repeatability (at nominal load)	1 g	1 g
Linearity deviation	1 g	1 g
Sensitivity temperature drift	5 ppm/°C	5 ppm/°C
Typical values		
Repeatability (at nominal load)	0.4 g	0.4 g
Linearity deviation	0.1 g	0.1 g
Minimum sample weight (acc. to USP)	1500 g	1500 g
Minimum sample weight (U=1 %, k=2)	100 g	100 g
Settling time	1.5 s	1.5 s
Balance dimensions (WxDxH)	363x346x118 mm	363x346x118 mm
Weighing pan dimensions	351x245 mm	351x245 mm
Weight of balance	10.0 kg	9.7 kg

* Adjustment with an external weight (without FACT)

Features

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Metal Housing
 High-grade chemical-resistant die-cast aluminum housing
- 
FACT
 Fully automatic time- and temperature-controlled internal adjustment
- 
Diagnostics
 Easy running of balance diagnostics test e.g. keypad test, repeatability test
- 
MonoBloc
 Proven weighing technology for fast and accurate results
- 
SmartTrac
 Shows how much of the entire weighing range has been used
- 
Smart Key
 Programmable keys for shortcut access to preferred applications
- 
Large weighing pan
 For comfortable weighing of bulky items
- 
Protection of main balance configurations against manipulation
- 
IP Protection
 IP54 in use
- 
Overload Protection
 Protects the weighing cell against excess weight overload
- 
Connectivity
 RS232 to connect to PC, printer or bar code reader; USB to connect to PC
- 
Protective Cover
 Encloses the entire housing, protecting the balances from stains and scratches

Approval

Approved versions of all models available

Applications

Piece Counting, Percent Weighing, Check Weighing, Dynamic Weighing, Statistics, Formulation, Totaling, Free Factor, Density, Recall

Accessories



RS-P25, RS-P26, RS-P28 Printer
 The fastest way to generate and archive weighing data.



Anti-theft device
 Steel cord with universal lock for securing the balance.



Certified Weights
 Weights for customized testing and adjustments. With guaranteed traceability.

GWP®
 Good Weighing Practice™
www.mt.com/GWP



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Subject to technical changes
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 Printed in Switzerland 11796201
 Global MarCom Switzerland

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For more information