



Sartorius ME36S Microbalance

High Weighing Capacity for Micro Size Samples

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Are your micro balances compliant with USP section <41>?

The new ME36S from Sartorius is a microbalance that closes the gap in accuracy requirements of the U.S.

Pharmacopeia section <41> for minimum sample quantity. This SQmin function displays the minimum sample quantity which can be documented with the Sartorius YDP03 printer to help the user maintain compliance.



Large quantities of small samples to weigh?—No problem with the ME36S

The new Sartorius ME36S is ideal for weighing small samples in large quantities including basic substance, solvent or substrate. The ME36S also excels in applications such as ashing, where the



procedure requires ultra-small sample quantities to be weighed into relatively heavy or bulky tare containers. The ME36S features a readability of 1 µg and full resolution over the entire range of its capacity extending up to 31g.

The latest in weighing technology design and performance

The ME36S offers outstanding weighing convenience by separating the display from the weighing unit. The result is that the weighing accuracy is not compromised by high temperature or drafts. Also, both units are positioned close enough to allow easy weighing access.

User-friendly operation and sample handling

The high-contrast display with its easy-to-read digits and clear text prompts you thru the weighing process with ease.

The flexible draft shield system allows for automatic operation at the press of a key. For even faster performance, the draft shield can also be opened and closed securely using the ball of your hand, i.e., when working with a loaded spatula. The intelligent learning function adapts the motorized control of the draft shield elements to the weighing situation at hand.

14 Built-in software programs for added flexibility

The many application programs built into the ME36S provides greater

Model	ME36S
Weighing range structure	SuperRange
Maximum weighing capacity	31 g
Readability	1 µg
Tare range (subtractive)	31 g
Repeatability Weighing ranges	±2 µg
Max. linearity	±10 µg
Stabilization time (avg.)	14-18s
Adaptation to ambient conditions	4 optimized filter levels
Calibration weight	Built-in / isoCAL
Allowable ambient operating temperature	+5 to +40 °C
Pan size (dia = Ø)	30 mm
Dimensions	
Weigh cell (WxDxH) mm/in	222x419x290 mm/ 8.7x16.4x11.4 in
Electronic unit (WxDxH) mm/in	254x320x190 mm/ 10x12.6x4.1 in
Weighing chamber (Dia.xH / WxD+H) mm/in	222x180x190 mm/ 8.7x7.1x7.4 in
Net weight, approx.	
Weigh cell	9.9 kg / 21.8 lbs
Electronic unit	3.5 kg / 7.7 lbs
Data interface port(s)	RS-232C + printer

flexibility to perform different weighing operations accurately and efficiently.

The ME36S is ideal for ISO/GLP and SOP quality systems

In quality management systems, including ISO/GLP protocols and SOP systems, the ME36S offers complete documentation and verification of the weighing results.

Advanced Features

- 31 g weighing capacity with full 1 µg resolution throughout the weighing range
- RS-232 and printer ports connects to a data printer, or PC
- Large 30 mm weighing pan
- Weighing chamber and display are separate for easy functionality

Key Application Programs

- 14 standard application programs including Differential Weighing, Net Total Formulation, Density Determination, SQmin, and Mass Unit Conversion by toggling between 2 units.

Selected Accessories

- YDP03-OCE Statistical data printer
- 72US1010.3 Software Wedge for DOS for Windows
- YST01 Stat Pen
- 21201315 Granite platform with vibration isolators

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