

Focus on the Essentials of High-end Weighing



The right choice for users without complex operations who primarily want to perform ultra-precise weighing!

Features and Benefits

- Large, high-contrast, liquid crystal Cubis® MSE display
- Easy-to-understand menu guidance with short text prompts
- Clearly structured keys for precise activation of functions
- Software support for fast levelling
- Robust, monolithic weighing system technology for reliable measuring results
- Amply dimensioned, rectangular weighing pans

Easy Operation and Highest Weighing Performance

Choose from 26 Preconfigured Premium Cubis® Lab Balances:

Since their launch in 2009, the modular-design Cubis® premium lab balances have become an established standard for high-end weighing. To simplify your choice and order of Cubis® balances, we preconfigured 26 Cubis® Essential Edition models. They include semimicrobalances, analytical balances, precision balances and high-capacity balances.

Order Number	Weighing capacity [g]	Readability [g]	Weighing pan (W × D) [mm]	Typical measuring time [s]	Repeat-ability [± mg]	Linearity [± mg]	Eccentric (off-center) [mg]* (Test load [g])	Optimum starting point of the operating range [g]**	Factory-verified models order number	Design
Semimicro Balances										
MSE225S-ED15	220	0.01	85 × 85	6	0...60 g: 0.015 60...220 g: 0.025	0.1	0.15	8.2	MSE225SCE-ED15	A*
Analytical Balances										
MSE324S-ED15	320	0.1	85 × 85	3	0.1	0.3	0.3 (200)	82	MSE324SCE-ED15	B
MSE224S-ED15	220	0.1	85 × 85	3	0.07	0.2	0.2 (100)	82	MSE224SCE-ED15	B
Precision Balances										
MSE1203S-ED15	1,200	1	140 × 140	1.5	0.7	2	2 (500)	0.82	MSE1203SCE-ED15	C
MSE623S-ED15	620	1	140 × 140	1	0.7	2	2 (200)	0.82	MSE623SCE-ED15	C
MSE6202S-ED15	6,200	10	206 × 206	1.5	7	20	20 (2,000)	8.2	MSE6202SCE-DE15	D
MSE4202S-ED15	4,200	10	206 × 206	1	7	20	30 (2,000)	8.2	MSE4202SCE-ED15	D
MSE8201S-ED15	8,200	100	206 × 206	1	50	100	200 (5,000)	82	MSE8201SCE-ED15	D
MSE5201S-ED15	5,200	100	206 × 206	1	50	100	200 (5,000)	82	MSE5201SCE-ED15	D
MSE12201S-ED15	12,200	100	206 × 206	1	50	100	200 (2,000)	82	MSE12201SCE-ED15	D
High-Capacity Balances										
MSE36201S-ED15	36,200	100	400 × 300	1.5	100	200	300 (10,000)	82	MSE36201SCE-ED15	E
MSE20201S-ED15	20,200	100	400 × 300	1.5	100	200	300 (5,000)	82	MSE20201SCE-ED15	E
MSE36200S-ED15	36,200	1,000	400 × 300	1	500	1,000	1,000 (10,000)	820	MSE36200SCE-ED15	E

* Design A with slotted weighing pan.

Data Interfaces

- with USB and RS232C data interface
- Three optional ports are available as accessory (Bluetooth®, PS/2, RS232C)

Applications

Unit conversion, isoCAL automatic calibration | adjustment function, density determination (buoyancy method only), calculations, averaging, net | total formulation, weighing in percent, counting, totalizing

Draft Shields

- Semimicro- and analytical-balances: draft shields with high mechanical stability and effortlessly and silently moving doors. No disturbing frame, for unhindered access to the weighing pan.
- protected against electrostatic influences by a conductive coating



Design A | B



Design C



Design D



Design E

Your Sartorius Dealer:



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Use the above details to contact us if this literature doesn't answer all your questions.

Pricing on any accessories shown can be found by keying the part number into the search box on our website.

The specifications listed in this brochure are subject to change by the manufacturer and therefore cannot be guaranteed to be correct. If there are aspects of the specification that must be guaranteed, please provide these to our sales team so that details can be confirmed.

