



The modular system offers you a choice of display and control units, weighing modules and draft shields.

Standard Features

- Module design
- User configurable and custom designed to meet changing applications
- Meets advanced pharma compliance including user/password management for security, audit trail function logs and integrated alibi memory
- Q-guide enables tasks and work (MSA display)
- Electrically conductive coating on glass panels of draft shield
- RS-232 and USB communication
- Easy cleaning by removing glass doors
- Underweigh hook included
- Draft shield
- Choice of display
- MSE-large 19 mm LCD display segments and easy menu system
- MSU-monochrome graphic display, positive click on keys to activate functions, Ethernet and SD card reader
- MSA-TFT color touchscreen, Ethernet and SD card reader options

Optional Features

- Bluetooth® wireless technology

Specifications

	3203S	2203S	2203P	1203S	5203S	5203P	623S	623P	323S	
MSE*	Part#	109803	109804	109805	109806	156315	156316	109807	109808	109809
	List Price	Consult	Consult	Consult	Consult	Consult	Consult	Consult	Consult	Consult
MSU**	Part#	109810	109811	109812	109813	156313	156314	109814	109815	109816
	List Price	Consult	Consult	Consult	Consult	Consult	Consult	Consult	Consult	Consult
MSA***	Part#	109817	109818	109819	109820	156310	156312	109821	109822	109823
	List Price	Consult	\$9,360.00	Consult	Consult	Consult	Consult	Consult	Consult	Consult
Capacity	3,200 g	2,200 g	1,010/2,200 g	1,200 g	5,200 g	5,200/2,400/1,200 g	620 g	150/300/620 g	320 g	
Resolution	1 mg	1 mg	1/10 mg	1 mg	1 mg	5/2/1 mg	1 mg	1, 2, 5 mg	1 mg	
Weighing Modes	Grams, Kilograms, Carat, Pounds, Ounces, Troy Ounce, Tael Hong Kong, Tael Singapore, Tael Taiwan, Grain, Pennyweight, Milligram, Parts per Pound, Tael China, Mommies, Austrian Carat, Tola, Baht, Mesghal, Ton, Pound:Ounces, Newton, Micrograms									
Operating Modes (*)	Mass Unit Conversion, SQ Min Function, ISO-Cal Function, Density Determination (Buoyancy method only with MSE), Calculation, Averaging, Formulation, Percent Weighing, Totalizing, Counting, Customized Identification, Statistics, Time Control Function, Second Tare Memory, Over/Under Checkweighing									
Repeatability	1/6 mg	1 mg	1/6 mg	0.7 mg	1 mg	1 mg	0.7 mg	1/2/4 mg	0.7 mg	
Linearity	5 mg	3 mg	5 mg	2 mg	5 mg	5 mg	2 mg	5 mg	2 mg	
Stabilization Time	1 second	1 second	1 second	1 second	1 second	1 second	0.8 seconds	0.8 seconds	0.8 seconds	
Operating Temperature	41° F to 104° F (5° C to 40° C)									
Weighing Chamber (DE)	(W x D x H) 8 x 8 x 7 in (from pan) (200 x 200 x 179 mm)									
Pan Size(W x D)	5.5 x 5.5 in (140 x 140 mm)									
Dimensions	(W x D x H) 16 x 9.8 x 11 in (410 x 249 x 281.4 mm) (with manual draft shield)									
Weight (Approx.)	17 lb									
Est. Ship Weight	27 lb						25 lb			
Calibration Weight	2,000 g	2,000 g	1,000 g	1,000 g	500 g	500 g	500 g	500 g	200 g	
Power	120V AC adapter (auto ranging)									
Warranty	Two-year Limited Warranty									
Return Policy	Sartorius Standard Policy - restock fee may apply									

* MSE large LCD display and easy-to-use menu system

**MSU monochrome graphic display, positive click on keys to activate functions, Ethernet and SD card reader

***MSA TFT color touchscreen, Ethernet and SD card reader

Part Number/Price

Part #	Model #	Description	Price
109803*	MSE3203S-100-DE	3,200 g x 1 mg	Consult
109804*	MSE2203S-100-DE	2,200 g x 1 mg	Consult
109805*	MSE2203P-100-DE	1,010 g/2,200 g x 1 mg/10 mg	Consult
109806*	MSE1203S-100-DE	1,200 g x 1 mg	Consult
156315	MSE5203S-100-DE	5,200 g x 0.001 g	Consult
156316	MSE5203P-100-DE	5,200 g/2,400 g/1,200 g x 0.005 g/0.002 g/0.001 g	Consult
109807*	MSE623S-100-DE	620 g x 1 mg	Consult
109808*	MSE623P-100-DE	150 g/300 g/620 g x 1 mg/2 mg/5 mg	Consult
109809*	MSE323S-100-DE	320 g x 1 mg	Consult
109810**	MSU3203S-100-DE	3,200 g x 1 mg	Consult
109811**	MSU2203S-100-DE	2,200 g x 1 mg	Consult
109812**	MSU2203P-100-DE	1,010 g/2,200 g x 1 mg/10 mg	Consult
109813**	MSU1203S-100-DE	1,200 g x 1 mg	Consult
156313	MSU5203S-100-DE	5,200 g x 0.001 g	Consult
156314	MSU5203P-100-DE	5,200 g/2,400 g/1,200 g x 0.005 g/0.002 g/0.001 g	Consult
109814**	MSU623S-100-DE	620 g x 1 mg	Consult
109815**	MSU623P-100-DE	150 g/300 g/620 g x 1 mg/2 mg/5 mg	Consult
109816**	MSU323S-100-DE	320 g x 1 mg	Consult
109817***	MSA3203S-100-DE	3,200 g x 1 mg	Consult
109818 ***	MSA2203S-100-DE	2,200 g x 1 mg	Consult
109819 ***	MSA2203P-100-DE	1,010 g/2,200 g x 1 mg/10 mg	Consult
109820 ***	MSA1203S-100-DE	1,200 g x 1 mg	Consult
156310	MSA5203S-100-DE	5,200 g x 0.001 g	Consult
156312	MSA5203P-100-DE	5,200 g/2,400 g/1,200 g x 0.005 g/0.002 g/0.001 g	Consult
109821 ***	MSA623S-100-DE	620 g x 1 mg	Consult
109822 ***	MSA623P-100-DE	150 g/300 g/620 g x 1 mg/2 mg/5 mg	Consult
109823 ***	MSA323S-100-DE	320 g x 1 mg	Consult

*Large LCD display and easy to use menu system

**Monochrome graphic display, positive click on keys to activate functions, Ethernet and SD card reader

***TFT color touchscreen, Ethernet and SD card reader

Options/Accessories

Part #	Model #	Description	Price
Consult	TR	Certificate of compliance and full factory test report (factory installed)	Consult
Consult	IR	Additional RS-232, 25-pin connection (factory installed)	Consult
156906	6971987	Power supply, 100-240V	Consult
156908	6900900	Cord, power 220V EU	Consult
Consult	IB	Bluetooth® wireless interface (factory installed)	Consult
Consult	IP	Additional RS-232, nine-pin connection with PS2 port (factory installed)	Consult
Consult	DA, DR, DI or DU	Other draft shields available	Consult