



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

## Standard Features

- Fast stabilization time
- 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
- Electrically conductive coating on glass panels of draft shield
- RS-232 and USB communication
- Easy cleaning by removing glass doors
- Underweigh hook included
- Choice of display
- MSE-large LCD display 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

	1202S	2202S	4202S	6202P	6202S	8202S	10202S
<b>MSE*</b> Part #	109832	109831	109830	109829	109828	109827	109826
List Price	Consult	Consult	Consult	Consult	Consult	Consult	Consult
<b>MSU**</b> Part #	109842	109841	109840	109839	109838	109837	109836
List Price	Consult	Consult	Consult	Consult	Consult	Consult	Consult
<b>MSA***</b> Part #	109852	109851	109850	109849	109848	109847	109846
List Price	Consult	Consult	Consult	Consult	Consult	Consult	Consult
Capacity	1,200 g	2,200 g	4,200 g	1,500/3,000/6,200 g	6,200 g	8,200 g	10,200 g
Resolution	10 mg	10 mg	10 mg	10/20/50 mg	10 mg	10 mg	10 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	7 mg	7 mg	7 mg	7 mg/20 mg/1940 mg	7 mg	7 mg	7 mg
Linearity	20 mg	20 mg	20 mg	20 mg	20 mg	20 mg	20 mg
Stabilization Time	0.8 seconds	0.8 seconds	0.8 seconds	1 second	1 second	1 second	1 second
Operating Temperature	41° F to 104° F (5° C to 40° C)						
Pan Size (W x D)	8.1 x 8.1 in (206 x 206 mm)						
Dimensions	(W x D x H) 16 x 9.8 x 3.5 in (410 x 249 x 87.7 mm)						
Weight (Approx.)	16 lb						
Est. Shipping Weight	21 lb						
Calibration Weight	1 kg	2 kg	2 kg	5 kg	5 kg	5 kg	10 kg
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

## Specifications

	5201S	5202s	8201S	12201S	14202s	14202p	
<b>MSE*</b>	Part#	109835	156322****	109834	109833	156324	156327
	List Price	Consult	Consult	Consult	Consult	Consult	Consult
<b>MSU**</b>	Part#	109845	156321****	109844	109843	156323	156329
	List Price	Consult	Consult	Consult	Consult	Consult	Consult
<b>MSA***</b>	Part#	109855	156318****	109854	109853	156319	156320
	List Price	Consult	Consult	Consult	Consult	Consult	Consult
Capacity	5,200 g	5,200 g	8,200 g	12,200 g	14,200 g	14,200 g/7,000 g/3,500 g	
Resolution	100 mg	0.01 g	100 mg	100 mg	0.01 g	0.05/0.02/0.01 g	
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	50 mg	0.006 g	50 mg	50 mg	0.01 g	0.01 g/0.02 g/0.01 g	
Linearity	100 mg	0.01 g	100 mg	200 mg	0.03 g	0.05 g	
Stabilization Time	0.8 seconds	1 second	0.8 seconds	0.8 seconds	1 second	1 second	
Operating Temperature	41°F to 104°F (5°C to 40°C)						
Pan Size (W x D)	8.1 x 8.1 in (206 x 206 mm)						
Dimensions	(W x D x H) 16 x 9.8 x 3.5 in (410 x 249 x 87.7 mm)						
Weight (Approx.)	16 lb						
Est. Shipping Weight	21 lb						
Calibration Weight	5 kg	5000 g	5 kg	10 kg	10 kg	10 kg	
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

\*\*\*\*DR draft stainless steel shield

## Part Number/Price

Part #	Model #	Description	Price
156324	MSE14202S-000-D0	14,200 g x 0.01 g	Consult
156327	MSE14202P-000-D0	14,200 g/7,000 g/3,500 g x 0.05 g/0.02 g/0.01 g	Consult
109826*	MSE10202S-000-D0	10,200 g x 10 mg	Consult
109827*	MSE8202S-000-D0	8,200 g x 10 mg	Consult
109828*	MSE6202S-100-D0	6,200 g x 10 mg	Consult
109829*	MSE6202P-100-D0	1,500 g/3,000 g/6,200 g x 10 mg/20 mg/50 mg	Consult
156322	MSE5202S-100-DR	5,200 g x 0.01 g	Consult
109830*	MSE4202S-100-D0	4,200 g x 10 mg	Consult
109831*	MSE2202S-100-D0	2,200 g x 10 mg	Consult
109832*	MSE1202S-000-D0	1,200 g x 10 mg	Consult
109833*	MSE12201S-000-D0	12,200 g x 100 mg	Consult
109834*	MSE8201S-000-D0	8,200 g x 100 mg	Consult
109835*	MSE5201S-100-D0	5,200 g x 100 mg	Consult
156323	MSU14202S-000-D0	14,200 g x 0.01 g	Consult
156329	MSU14202P-1000-D0	14,200 g/7,000 g/3,500 g x 0.05 g/0.02 g/0.01 g	Consult
109836**	MSU10202S-000-D0	10,200 g x 10 mg	Consult
109837**	MSU8202S-000-D0	8,200 g x 10 mg	Consult
109838**	MSU6202S-100-D0	6,200 g x 10 mg	Consult
109839**	MSU6202P-100-D0	1,500 g/3,000 g/6,200 g x 10 mg/20 mg/50 mg	Consult
156321	MSU5202S-100-DR	5,200 g x 0.01 g	Consult
109840**	MSU4202S-100-D0	4,200 g x 10 mg	Consult
109841**	MSU2202S-100-D0	2,200 g x 10 mg	Consult
109842**	MSU1202S-100-D0	1,200 g x 10 mg	Consult
109843**	MSU12201S-000-D0	12,200 g x 100 mg	Consult
109844**	MSU8201S-000-D0	8,200 g x 100 mg	Consult
109845**	MSU5201S-100-D0	5,200 g x 100 mg	Consult
156319	MSA14202S-000-D0	14,200 g x 0.01 g	Consult
156320	MSA14202P-000-D0	14,200 g/7,000 g/3,500 g x 0.05 g/0.02 g/0.01 g	Consult
109846***	MSA10202S-000-D0	10,200 g x 10 mg	Consult
109847***	MSA8202S-000-D0	8,200 g x 10 mg	Consult
109848***	MSA6202S-100-D0	6,200 g x 10 mg	Consult
109849***	MSA6202P-100-D0	1,500 g/3,000 g/6,200 g x 10 mg/20 mg/50 mg	Consult
156318	MSA5202S-100-DR	5,200 g x 0.01 g	Consult
109850***	MSA4202S-100-D0	4,200 g x 10 mg	Consult
109851***	MSA2202S-100-D0	2,200 g x 10 mg	Consult
109852***	MSA1202S-100-D0	1,200 g x 10 mg	Consult
109853***	MSA12201S-000-D0	12,200 g x 100 mg	Consult
109854***	MSA8201S-000-D0	8,200 g x 100 mg	Consult
109855***	MSA5201S-100-D0	5,200 g x 100 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