



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 LCD display and easy menu system
- MSU-monochrome graphic display, positive click on keys to activate functions, Ethernet and SD card reader, auto leveling feature
- MSA-TFT color touchscreen, Ethernet and SD card reader, auto leveling feature

Optional Features

- DA motor-driven draft shield
- DI draft shield eliminates electrostatic charges

Specifications

	225S	225P	125P	324S	224S	324P	124S	524S	524P
MSE* Part#	109776	109777	109778	109779	109780	109781	109782	156269	156270
List Price	Consult	Consult	Consult	Consult	Consult	Consult	Consult	Consult	Consult
MSU** Part#	109783	109786	109788	109794	109790	109791	109792	156267	156268
List Price	Consult	Consult	Consult	Consult	Consult	Consult	Consult	Consult	Consult
MSA*** Part#	109795	109796	109797	109798	109799	109800	109801	156265	156266
List Price	Consult	Consult	Consult	Consult	Consult	Consult	Consult	Consult	Consult
Capacity	220 g	60/120/220 g	60/120 g	320 g	220 g	80/160/320 g	120 g	520 g	120/240/520 g
Resolution	0.01 mg	0.01/0.02/0.05 mg	0.01/0.1 mg	0.1 mg	0.1 mg	0.1/0.2/0.5 mg	0.1 mg	0.1 mg	0.1/0.2/0.5 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	0.025 mg	0.015/0.04 mg	0.015/0.06 mg	0.1 mg	0.07 mg	0.1/0.2/0.4 mg	0.1 mg	0.1 mg	0.1/0.2/0.5 mg
Linearity	0.1 mg	0.15 mg	0.15 mg	0.3 mg	0.2 mg	0.5 mg	0.2 mg	0.4 mg	0.5 mg
Stabilization Time	2 seconds	2 seconds	2 seconds	1 seconds	1 seconds	1 seconds	1 seconds	1 seconds	1 seconds
Operating Temperature	41° F to 104° F (5° C to 40° C)								
Weighing Chamber	(W x D x H) 8 x 8 x 10.2 in (205 x 205 x 261 mm)								
Pan Size(W x D)	3.3 x 3.3 in (85 x 85 mm)								
Dimensions	(W x D x H) 16 x 9.8 x 14.6 in (410 x 249 x 370.4 mm) (with manual draft shield)								
Weight (Approx.)	18 lb								
Est. Ship Weight	31.9 lb				29.7 lb				
Calibration Weight	200 g	200 g	100 g	300 g	200 g	300 g	100 g	500 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
109776*	MSE225S-100-DU	220 g x 0.01 mg	Consult
109777*	MSE225P-100-DU	60 g/120 g/220 g x 0.01 mg/0.02 mg/0.05 mg	Consult
109778*	MSE125P-100-DU	60 g/120 g x 0.01 mg/0.1 mg	Consult
109779*	MSE324S-100-DU	320 g x 0.1 mg	Consult
156269	MSE524S-100-DU	520 g x 0.1 mg	Consult
156270	MSE524P-100-DU	520 g/240 g/120 g x 0.5 mg/0.2 mg/0.1 mg	Consult
109780*	MSE224S-100-DU	220 g x 0.1 mg	Consult
109781*	MSE324P-100-DU	80 g/160 g/320 g x 0.1 mg/0.2 mg/0.5 mg	Consult
109782*	MSE124S-100-DU	120 g x 0.1 mg	Consult
109783**	MSU225S-100-DU	220 g x 0.01 mg	Consult
109786**	MSU225P-100-DU	60 g/120 g/220 g x 0.01 mg/0.02 mg/0.05 mg	Consult
109788**	MSU125P-100-DU	60 g/120 g x 0.01 mg/0.1 mg	Consult
156267	MSU524S-100-DU	520 g x 0.1 mg	Consult
156268	MSU524P-100-DU	520 g/240 g/120 g x 0.5 mg/0.2 mg/0.1 mg	Consult
109794**	MSU324S-100-DU	320 g x 0.1 mg	Consult
109790**	MSU224S-100-DU	220 g x 0.1 mg	Consult
109791**	MSU324P-100-DU	80 g/160 g/320 g x 0.1 mg/0.2 mg/0.5 mg	Consult
109792**	MSU124S-100-DU	120 g x 0.1 mg	Consult
109795***	MSA225S-100-DU	220 g x 0.01 mg	Consult
109796***	MSA225P-100-DU	60 g/120 g/220 g x 0.01 mg/0.02 mg/0.05 mg	Consult
109797***	MSA125P-100-DU	60 g/120 g x 0.01 mg/0.1 mg	Consult
156265	MSA524S-100-DU	520 g x 0.1 mg	Consult
156266	MSA524P-100-DU	520 g/240 g/120 g x 0.5 mg/0.2 mg/0.1 mg	Consult
109798***	MSA324S-100-DU	320 g x 0.1 mg	Consult
109799***	MSA224S-100-DU	220 g x 0.1 mg	Consult
109800***	MSA324P-100-DU	80 g/160 g/320 g x 0.1 mg/0.2 mg/0.5 mg	Consult
109801***	MSA124S-100-DU	120 g x 0.1 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	DA	Automatic motorized draft shield for analytical balances (factory installed)	Consult
Consult	DI	Automatic motorized draft shield for analytical balances, with integrated ionizer (factory installed)	Consult
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	Consult
Consult	IP	Additional RS-232, nine-pin connection with PS2 port	Consult