

Ion BM Series

Micro, Semi-Micro Analytical Balances

Capacity: 520g Readability: 0.000001 g

**Standard Features**

- Built-in fanless static eliminator
- Underhook weighing
- Anti-static glass
- Built-in motorized calibration weight
- One touch environmental filters
- GLP/LIM/ISO compliant
- RS-232C and WinCT software standard
- AD-1688 Weighing Data Logger included

Specifications

	BM-20 [^]	BM-22 [^]	BM-252 [^]	BM-200 [^]	BM-300 [^]	BM-500 [^]	
Part#	150762	150763	150765	150766	150767	150768	
List Price	\$14,500.00	\$13,400.00	\$8,235.00	\$6,485.00	\$6,795.00	\$7,200.00	
Capacity	22g	22g/5.1g	250g	220g	320g	520g	
Resolution	0.000001 g	0.00001 g/0.000001 g	0.00001 g	0.0001 g	0.0001 g	0.0001 g	
Operating Modes	Percentage, Counting						
Repeatability	0.0025 mg	0.004 mg/0.01 mg	0.03 mg	0.1 mg	0.2 mg		
Linearity	±0.010 mg	±0.010 mg/0.02 mg	±0.010 mg	±0.2 mg	±0.3 mg	±0.5 mg	
Stabilization Time	10 seconds (typically)	8 to 10 seconds	8 seconds	Approx. 3.5 seconds			
Sensitivity Drift (10° C-30° C)	±2 ppm/° C (when automatic self calibration is not used)						
Operating Temperature	41° F to 104° F (5° C to 40° C), 85% RH or less (no condensation)						
Pan Size	Ø 0.98 inches (25 mm)			Ø 3.6 inches (90 mm)			
Physical Dimensions	(W x D x H) 10.2 x 18.3 x 12.8 in (259 x 466 x 326 mm)						
Weight	10 kg (ships by motor freight)						
Ext. Cal. Mass (optional)	20g		200g	200g	300g	500g	
Power	120/240 AC Adapter						
Warranty	Five-year Limited Warranty						
Return Policy	A&D Weighing Standard Policy - restock fee may apply						
UNIT OF MEASURE	Decimal Ounce	0.776 x 0.00000001 oz	0.18/0.776 x 0.0000001/0.000001 oz	8.82 x 0.000001 oz	7.76 x 0.000001 oz	11.29 x 0.000001 oz	18.34 x 0.000001 oz
	Troy Ounce	0.707 x 0.0000001 ozt	0.164/0.707 ozt	8.03 x 0.0000001 ozt	7.07 x 0.000001 ozt	10.29 x 0.000001 ozt	16.72 x 0.000001 ozt
	Pennyweight	14.15 x 0.000001 dwt	3.28/14.15 x 0.000001 x 0.0001 dwt	160.7 x 0.000001 dwt	141.5 x 0.0001 dwt	20.58 x 0.0001 dwt	334.4 x 0.0001 dwt
	Carat	110 x 0.000001 ct	25.5/110 x 0.000001/0.0001 ct	1,250 x 0.0001 ct	1,100 x 0.001 ct	1,600 x 0.001 ct	2,600 x 0.001 ct
	Momme	5.87 x 0.000001 mom	1.37/5.87 x 0.000001/0.000001 mom	66.67 x 0.000001 mom	58.7 x 0.0001 mom	85.3 x 0.0001 mom	138.7 x 0.0001 mom
	Grain Unit	339.5 x 0.000002 GN	78.71/339.5 x 0.000002/0.0002 GN	3,858 x 0.0002 GN	3,395 x 0.002 GN	4,938 x 0.002 GN	8,024 x 0.002 GN

[^] Weighing Chamber

Part Number/Price

Part #	Model #	Description	Price
150762	BM-20	22 g x 0.001 mg	\$14,500.00
150763	BM-22	5.1 g/22 g x 0.001 mg/0.01 mg	\$13,400.00
150765	BM-252	250 g x 0.01 mg	\$8,235.00
150766	BM-200	220 g x 0.1 mg	\$6,485.00
150767	BM-300	320 g x 0.1 mg	\$6,795.00
150768	BM-500	520 g x 0.1 mg	\$7,200.00

Options/Accessories

Part #	Model #	Description	Price
150769	BM-08	Balance OPT, Ethernet BM	\$835.00
97606	AD-1653	Density determination kit (BM-252/200/300/500 only)	\$552.00
97609	AD-8922A	Remote controller	\$635.00
97608	AD-8920A	Universal remote display	\$270.00
97612	SW:128	Foot switch	\$75.00
97649	TB:648	AC adapter (120V/220V)	\$43.00
158785	AD-8121B	Dot-matrix statistical printer, includes 25-pin cable	\$891.00