

Part Number/Price

Part #	Model #	Description	Price
97642	HR-300i	320 g x 0.0001 g	\$4,185.00
97641	HR-202i	220/51 g x 0.0001/0.00001 g	\$4,645.00

Options/Accessories

Part #	A&D Model #	Description	Price
97605	AD-100-2	Anti-theft device	\$75.00
97606	AD-1653	Density determination kit	\$564.00
97607	AD-1682	Rechargeable battery pack, external	\$692.00
97608	AD-8920A	Universal remote display	\$270.00
97610	AD-1683	Static eliminator	\$1,256.00
97609	AD-8922A	Remote controller	\$635.00
97649	TB:648	AC adapter (120V/220V)	\$44.00
151247	AD-1688	Data logger	\$311.00
196128	AD-8127	Impact dot matrix, statistical printer, includes cable	\$869.00

AD-4212A Series

Analytical Balances

Capacity: 110g-1100g Readability: 0.00001 g-0.001 g

BALANCES



Standard Features

- Comparator output (Hi/OK/Lo) feature for manual or automatic operation as well as buzzer function
- GLP/GMP compliant software output
- Breeze break for maximum accuracy and fastest response
- Standard calibration weight
- Simple operator reference card provided
- Multi-weighing units
- Time and date clock function
- Data memory function for weighing, calibration, counting and Hi/OK/Lo values
- Counting and percent mode
- Super Hybrid Sensor Technology (SHS)
- WinCT© communication tools software
- RS-232C bidirectional interface

Specifications

	AD-4212A-100	AD-4212B-102	AD-4212A-200	AD-4212B-201	
Part #	97654	102925	97655	102926	
List Price	\$5,660.00	\$8,750.00	\$4,970.00	\$6,695.00	
Capacity	110g	110g	210g	210g	
Resolution	0.0001 g	0.00001 g	0.001 g	0.0001 g	
Operating Modes	Counting, Percentage				
Repeatability (Std. Dev.)	0.00015 g	0.00015 g	0.001 g		
Linearity	±0.0003 g	±0.0003 g	±0.002 g	±0.002 g	
Stabilization Time (typical)	0 g-30 g Approx. 1.1 sec	0 g-30 g Approx. 1.1 sec	0 g-30 g Approx. 0.8 sec	0 g-30 g Approx. 0.8 sec	
	30 g-110 g Approx. 1.3 sec	30 g-110 g Approx. 1.3 sec	30 g- 210 g Approx. 1.0 sec	30 g-210 g Approx. 1.0 sec	
Sensitivity Drift	±2 ppm/°C 10°C to 30°C (50°F to 86°F)				
Operating Temperature	41°F to 104°F (5°C to 40°C) 85% RH or less (no condensation)				
I/O Interface	RS-232C	Bidirectional 600-19,200			
	Comparator Output	3 level output with buzzer			
	External Contact Input	Re-zero and print			
Weighing Unit	Dimensions	(W x D x H) 3.2 x 9.1 x 3.5 in (80 x 230 x 90 mm)			
	Weighing Pan	2 x 2 in (50 x 50 mm)			
	Weight	Approx. 2 kg			
Display Unit	Dimensions	(W x D x H) 9.3 x 6.0 x 6.1 in (237 x 150 x 155 mm)			
	Weight	Approx. 2 kg			
Connection Cable	Approx. 2 m (between weighing unit and display unit)				
Shipping Weight	8.5 lb (4 kg)				
Calibration Weight (OIML F1) (OPT)	50 g	50 g	100 g	100 g	
Power Supply	120V AC Adapter, 11 VA				
Warranty	Five-year Limited Warranty				
Return Policy	A&D Weighing Standard Policy - restock fee may apply				
UNIT OF MEASURE	Milligram	110,000.0 x 0.1 mg	110,000.0 x 0.01 mg	2,100,000 x 1 mg	210,000 x 0.1 mg
	Ounce	3.880135 x 0.000005 oz	3.880135 x 0.000005 oz	7.40755 x 0.00005 oz	7.40755 x 0.00005 oz
	Troy Ounce	3.536580 x 0.000005 ozt	3.536580 x 0.000005 ozt	6.75165 x 0.00005 ozt	6.75165 x 0.00005 ozt
	Carat	550.0 x 0.0005 ct	550.0 x 0.0005 ct	1,050.0 x 0.0005 ct	1,050.0 x 0.0005 ct
	Momme	29.33335 x 0.00005 mom	29.33335 x 0.00005 mom	56.0 x 0.0005 mom	56.0 x 0.0005 mom
	Pennyweight	70.7316 x 0.0001 dwt	70.7316 x 0.0001 dwt	135.033 x 0.001 dwt	135.033 x 0.001 dwt
	Grain	1,697.56 x 0.002 GN	1,697.56 x 0.002 GN	3,240.80 x 0.02 GN	3,240.80 x 0.02 GN
	Tael (HK Gen, Singapore)	2.910100 x 0.000005 TL	2.910100 x 0.000005 TL	5.55565 x 0.00005 TL	5.55565 x 0.00005 TL
	Tael (HK jewelry)	2.938900 x 0.000005 TL	2.938900 x 0.000005 TL	5.61060 x 0.00005 TL	5.61060 x 0.00005 TL
	Tael (Taiwan)	2.933335 x 0.000005 TL	2.933335 x 0.000005 TL	5.600 x 0.00005 TL	5.600 x 0.00005 TL
	Tael (China)	3.520 x 0.00005 TL	3.520 x 0.00005 TL	6.7200 x 0.00005 TL	6.7200 x 0.00005 TL
	Tola (India)	9.43089 x 0.00001 to	9.43089 x 0.00001 to	18.0044 x 0.0001 to	18.0044 x 0.0001 to
Mesghal	23.46665 x 0.00005	23.46665 x 0.00005	44.80 x 0.0005	44.80 x 0.0005	

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