

ANALYTICAL AD-4212A Series

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
- Super Hybrid Sensor Technology (SHS)
- WinCT[®] communication tools software
- RS-232 interface for connecting to printer or PC

Specifications

Weighing Units:

Milligram, ounce, carat, pennyweight, troy ounce, grain (see technical manual for complete listings)

Operating Modes:

Counting, percentage

Power Supply:

120 VAC adapter, 11 VA

Stabilization Time (typical):

AD-4212A-100, AD-4212B-102:
0 to 30 g approx. 1.3 seconds
30 to 110 g approx. 1.3 seconds

I/O Interface Comparator Output:

3 level output with buzzer

I/O Interface External Contact Input:

Re-zero and print

Calibration Weight:

50 g

Connection Cable:

Approx. 2 m (between weighing unit and display unit)

Operating Temperature:

41 °F to 104 °F (5 °C to 40 °C) 85% RH or less (no condensation)

Est. Weight:

8.5 lb (4 kg)

Warranty:

Five-year limited

Return Policy:

A&D Weighing standard policy - restock fee may apply

Model	Capacity	Readability	Repeatability	Linearity	Pan Size	Dimensions	Part #	List Price
AD-4212A-100	110 g	0.1 mg	0.15 g	±0.3 mg	2 × 2 in (50 × 50 mm)	3.2 × 9.1 × 3.5 in (80 × 230 × 90 mm)	97654	\$6,500.00
AD-4212B-102	110 g	0.01 mg	0.15 g	±0.3 mg	2 × 2 in (50 × 50 mm)	3.2 × 9.1 × 3.5 in (80 × 230 × 90 mm)	102925	\$10,050.00
AD-4212B-201	210 g	0.1 mg	1 mg	±2 mg	2 × 2 in (50 × 50 mm)	3.2 × 9.1 × 3.5 in (80 × 230 × 90 mm)	102926	\$7,700.00
AD-4212B-301	310 g	0.1 mg	1 mg	±2 mg	2 × 2 in (50 × 50 mm)	3.2 × 9.1 × 3.5 in (80 × 230 × 90 mm)	102927	\$8,550.00

Options/Accessories

Part#	A&D Model #	Description	Price
97672	AD-4212A-01	BCD output (factory installed, four month lead time)	\$615.00
97674	AD-4212A-07	Extension cable, 3m	\$180.00
97675	AD-4212A-08	Ethernet interface with WinCT [®]	\$350.00
97676	AD-4212A-19	Stainless steel breeze break (200 g only)	\$130.00

