

A&D Weighing AD-4212A Series

Analytical Balances



STANDARD FEATURES

- Comparator output (Hi/OK/Lo) feature for manual or automatic operation
- GLP/GMP 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

SPECIFICATIONS

OVERALL DIMENSIONS: (W x D x H)

Weighing Unit
80 mm x 230 mm x 90 mm
Display Unit
237 mm x 150 mm x 155 mm

OPERATING TEMPERATURE:

41°F to 104°F (5°C to 40°C)

REPEATABILITY/STD. DEV:

AD-4212A-100: 0.00015g
AD-4212A-200, AD-4212-600,
AD-4212-1000: 0.001g
AD-4212B-102: @30g, 0.01mg;
@ 100g, 0.04mg
AD-4212B-201: 0.1mg
AD-4212B-301: 0.2mg

LINEARITY:

AD-4212A-100: ±0.0003g
AD-4212A-200: ±0.0002g
AD-4212-600, AD-4212-1000: ±0.0003g
AD-4212B-102: +/-0.1mg
AD-4212B-201: +/-0.2mg
AD-4212B-301: +/-0.3mg

DISPLAY REFRESH RATE:

10 times per second or
5 times per second (selectable)

SENSITIVITY DRIFT (PPM/°C/SPAN):

± 2 ppm when automatic self calibration
is not used 10° to 30°C/50°F-80°F

PAN SIZE:

AD-4212A-100, AD-4212A: 50 x 50 mm
AD-4212-600, AD-4212-1000: 70 x 70 mm
AD-4212B-102: Diameter + 70 mm
AD-4212B-201/301: 50 mm x 50 mm

WEIGHT:

Weighing Unit Approx. 2kg
Display Unit Approx. 2kg

POWER SUPPLY:

AC Adapter

POWER CONSUMPTION:

Approx. 11 VA (supplied to the AC adapter)

CALIBRATION WEIGHT OML F1:

AD-4212A-100: 50g
AD-4212A-200: 100g
AD-4212-600, AD-4212-1000: 200g
AD-4212B-102: 50g
AD-4212B-201: 100g
AD-4212B-301: 100g

I/O INTERFACE:

RS-232C

COMPARATOR OUTPUT:

3 level with buzzer
External Contact Input:
Re-zero and print

WARRANTY:

Five-year limited warranty