

A&D 220g x 0.001g Precision Balance, External Calibration & IP65 (FX-200i-WP)

Product Code: ANDFX-200i-WP

Brand: A&D Instruments

The A&D 220g x 0.001g Precision Balance, External Calibration & IP65 (FX-200i-WP) provide a host of features in a compact, lightweight package. All of the traditional A&D functions are present plus a host of innovative features.

Features:

- **Compact B5 Size Footprint:** By taking advantage of the Compact Super Hybrid Sensor (C-SHS) technology, A&D has significantly reduced the size of the FX-200i-WP making it ideal for installation and use in narrow spaces.
- **Fast One Second Stabilization:** The C-SHS combines the best of magnetic force restoration and single point parallelogram load sensing technologies
- **Shock Absorber Function:** The internal shock absorber protects the C-SHS from the adverse effects of vertical and transverse overloading.
- **RS-232C Interface (standard):** Bi-directional communication is possible with a PC, printer or other peripheral devices.
- **Multiple Weighing Units:** Programmable or standard weighing units of measurements can be selected (g, pcs, %, oz, lb, L oz, ozt, ct, mom, dwt, GN, tl, tol, mes and MLT).
- **GLP/GMP/GCP/ISO Compliant:** In accordance with GLP and LIMS regulations, the balance ID number and calibration data can be printed out using A&D's AD-8121B or a PC.
- **Statistical Calculation Function:** The balance displays and/or output statistical calculation data as No. (number of data), SUM (total), MAX (maximum), MIN (minimum), R (range: maximum - minimum), AVE (average), SD (standard deviation), and CV (coefficient of variation).
- **Response Adjustment Function:** Selectable FAST, MID or SLOW response to suit weighing environment conditions.
- **ACAI - Automatic Counting Accuracy Improvement:** For the counting function, the balance recalculates the average unit weight each time samples are added to eliminate errors caused by variations in unit weight.



Specifications:

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| Capacity | | 220g |
| Minimum Weighing Value | | 0.001g |
| Counting Mode | Min. Unit Mass | 0.001g |
| | No. of Samples | 5, 10, 25, 50, or 100 pieces |
| Percent Mode | Min. 100% Reference Mass | 0.100g |
| | Min. 100% Display | 0.01%, 0.1%, 1% (depends on the reference mass stored) |
| Repeatability (Standard Deviation) | | 0.001g |
| Linearity | | ± 0.002g |
| Stabilization Time (when set to FAST) | | Approx. 1 second |
| Sensitivity Drift (10°C to 30°C) | | ± 2ppm/°C |
| Operating Temperature | | 5°C to 40°C (41°F to 104°F), 85%RH or less (no condensation) |
| Display Type | | Vacuum Fluorescent Display (VFD) |
| Display Refresh Rate | | 5 times/second, 10 times/second or 20 times/second |
| Standard Serial Interface | | RS-232C interface |
| Weighing Pan (Diameter) | | 130mm |
| External Calibration Mass | | 200g 100g 50g |
| AC Adaptor | | Confirm that the adaptor type is correct for the local voltage and power receptacle |
| Power Consumption | | Approx. 11VA (supplied to the AC adaptor) |
| External Dimensions (w x d x h) | | 193 x 262.5 x 85.5mm |
| Net Weight | | Approx. 2.5kg |

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