

## A&D 3220g x 0.01g Precision Balance, External Calibration & IP65 (FX-3000i-WP)

**Product Code:** ANDFX-3000i-WP

**Brand:** A&D Instruments

The A&D 3220g x 0.01g Precision Balance, External Calibration & IP65 (FX-3000i-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-3000i-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:

|  |                                 |   |
|--|---------------------------------|---|
| <b>Capacity</b>                              |                                 | 3220g   |
| <b>Minimum Weighing Value</b>                |                                 | 0.01g   |
| <b>Counting Mode</b>                         | <b>Min. Unit Mass</b>           | 0.01g   |
|  | <b>No. of Samples</b>           | 5, 10, 25, 50, or 100 pieces  |
| <b>Percent Mode</b>                          | <b>Min. 100% Reference Mass</b> | 1.00g   |
|  | <b>Min. 100% Display</b>        | 0.01%, 0.1%, 1% (depends on the reference mass stored)                              |
| <b>Repeatability (Standard Deviation)</b>    |                                 | 0.01g   |
| <b>Linearity</b>                             |                                 | ± 0.02g   |
| <b>Stabilization Time (when set to FAST)</b> |                                 | Approx. 1 second  |
| <b>Sensitivity Drift (10°C to 30°C)</b>      |                                 | ± 2ppm/°C   |
| <b>Operating Temperature</b>                 |                                 | 5°C to 40°C (41°F to 104°F), 85%RH or less (no condensation)                        |
| <b>Display Type</b>                          |                                 | Vacuum Fluorescent Display (VFD)  |
| <b>Display Refresh Rate</b>                  |                                 | 5 times/second, 10 times/second or 20 times/second                                  |
| <b>Standard Serial Interface</b>             |                                 | RS-232C interface   |
| <b>Weighing Pan (Diameter)</b>               |                                 | 150mm   |
| <b>External Calibration Mass</b>             |                                 | 3000g<br>2000g<br>1000g<br>500g   |
| <b>AC Adaptor</b>                            |                                 | Confirm that the adaptor type is correct for the local voltage and power receptacle |
| <b>Power Consumption</b>                     |                                 | Approx. 11VA (supplied to the AC adaptor)   |
| <b>External Dimensions (w x d x h)</b>       |                                 | 193 x 262.5 x 85.5mm  |
| <b>Net Weight</b>                            |                                 | Approx. 2.5kg   |

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