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**PRODUCT NO.: 7760-01**



## **EXPLORER SERIES BALANCE (Ohaus)**

**EX224N, 220 x 0.0001g, Internal Calibration, NTEP**

**DESCRIPTION:** The OHAUS Explorer features SmarText 2.0, our user-friendly application-based graphical software platform in concert with a redesigned antistatic draftshield, enhanced weighing performance, and a flexible modular display that detaches from the weighing base. Ingeniously striking a balance between cutting-edge technology and functional design, the Explorer delivers accurate performance, that will improve your efficiency in the lab.

### **FEATURES:**

- ✔ Intelligent Performance:
  - ✔ Fast stabilization time
  - ✔ Optimized linearity and repeatability specifications
  - ✔ Optimized vibration filtering
- ✔ Intuitive Software:
  - ✔ Color VGA display with icons for simple menu navigation
    - ✔ High resolution, 5.7 in (145 mm) color TFT display reproduces highly readable operating software
    - ✔ Resistive touch screen display quickly responds to operator's touch or stylus
  - ✔ 14 built-in applications with customization capabilities to meet the varying needs in laboratory and industrial settings
  - ✔ Minimum Weight capability with visual warning feature
  - ✔ QWERTY keyboard and numeric keypad to quickly input GLP and GMP data and other application data
  - ✔ User Manager with administrator capability
  - ✔ Library function to store and recall customized applications
  - ✔ Alternate RS232 command feature adapts the balance to existing data acquisition software
  - ✔ External input for zero, tare or print operations via the external foot switch accessory | | Audible and visual feedback for button presses as well as the indication of the check weighing status
- ✔ Practical Touchless Sensors: Practical Explorer features four touchless sensors for hands-free operation of print, calibration, tare, and other selectable functions
- ✔ Intelligent Calibration:
  - ✔ Fully-automatic internal calibration system

- ✔ No need for external masses
- ✔ Eliminates cost to maintain external weights
- ✔ Self-calibrates the system when it senses a temperature change sufficient enough to affect weighing accuracy, or every 11 hours
- ✔ AutoCal feature can be disabled for traditional external calibration
- ✔ Intuitive User Setup:
  - ✔ Easy to view illuminated level indicator placed at the front of the balance
  - ✔ Adjustable thumbwheels are easy to turn to level the balance
  - ✔ Level assist screen helps users quickly identify which thumbwheels need to be adjusted to level the balance
  - ✔ Data Transfer Function helps to output data directly into Microsoft Excel
  - ✔ Instructional messaging during application use guides users through the weighing process
  - ✔ User information menu allows users quickly view and learn more about the available balances features
  - ✔ Up to 11 operating languages make Explorer's Intuitive User Setup truly universal
  - ✔ Easy access communication ports including standard USB and RS232 and an optional third port of either RS232 or Ethernet

**TECHNICAL SPECIFICATIONS:**

|  |   |
|--|---|
| <b>Model</b>                                   | EX224N                                    |
| <b>Capacity (g)</b>                            | 220                                       |
| <b>Readability (g)</b>                         | 0.0001                                    |
| <b>Repeatability (Std. dev.) (g)</b>           | 0.0001                                    |
| <b>Linearity (g)</b>                           | ± 0.0002                                  |
| <b>Stabilization Time (sec)</b>                | 2   |
| <b>Power Requirements</b>                      | AC Adapter (included)                     |
| <b>Data Interface</b>                          | RS232, USB                                |
| <b>Draft Shield</b>                            | Yes                                       |
| <b>Calibration</b>                             | Internal                                  |
| <b>NTEP Certified – Legal For Trade</b>        | Yes                                       |
| <b>Pan Size Ø (mm / in)</b>                    | 3.5 / 90                                  |
| <b>Balance Dimensions: W x H x D (mm / in)</b> | 9.1 × 10.2 × 13.8 in / 230 × 260 × 350 mm |

**ADDITIONAL INFORMATION:**

**COMPATIBLE PRINTER:** 7363-01

**WARRANTY:** 2 years