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**PRODUCT NO.: 7968**



## **EXPLORER SERIES BALANCE, OHAUS (620 x 0.001g) EX623, AutoCal**

**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

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- ✔ 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:

Capacity (g)	620
Internal Calibration	AutoCal - Automatic
Readability (g)	0.001
Repeatability (g)	± 0.001
Linearity (g)	± 0.002
Stabilization Time (sec.)	≤ 1.5
Sensitivity Drift (ppm/°C)	3
Pan Size (in/mm)	Ø 5.12 /130
Power Requirements	100-240 VAC, 0.6A, 50-60 Hz
Display Size (in/mm)	5.7 /145 (diagonal)
Display Housing, L x W x H (in/mm)	7.68 x 3.54 x 60.06 / 195 x 90 x 154
Base Housing, L x W x H (in/mm)	9.06 x 13.78 x 15.47 / 230 x 350 x 393
Temperature Range	50°F to 86°F/10°C to 30°C
Net Weight (lbs/kg)	15 / 6.9
Shipping Weight (lbs/kg)	21 / 9.6
Shipping Dimensions, L x W x H (in/cm)	21.65 x 15.16 x 21.69 / 55 x 38.5 x 55.1

#### ADDITIONAL ACCESSORIES:

- ✔ 7363: Balance Acc. Printer w/Cable (Ohaus DV, EX, PA, AV Pro)

**WARRANTY:** 2 years

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