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PRODUCT NO.: 8016-01



EXPLORER SERIES BALANCE (Ohaus)

EX423N, 420 x 0.001g, 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:

Model	EX423N
Capacity (g)	420
Readability (g)	0.001
Repeatability (Std. dev.) (g)	0.001
Linearity (g)	± 0.002
Stabilization Time (sec)	1.5
Power Requirements	AC Adapter (included)
Data Interface	RS232, USB
Draft Shield	Yes
Calibration	Internal
NTEP Certified – Legal For Trade	Yes
Pan Size Ø (mm / in)	5.1 / 130
Balance Dimensions: W x H x D (mm / in)	9.1 × 10.2 × 13.8 in / 230 × 260 × 350 mm

ADDITIONAL INFORMATION:

COMPATIBLE PRINTER: 7363-01

WARRANTY: 2 years