

Analytical Balances – Higher Capacity

Description

The Explorer's advanced applications simplify even the most complex laboratory measurements. Whether is is determining the difference between initial or residual weights or calculating the density of solids and liquids, Explorer eliminates the need for time-consuming manual calculations and data logging. The high resolution display and innovative user interface make balance set-up and application use effortless.

Features and Benefits

- **Fully compatible with PETra**
- **Ingenious draftshield**
Explorer's draftshield provides ample access and visibility to the weighing chamber and features antistatic coated glass.
- **Intelligent performance**
Explorer delivers accurate results within seconds, improving operator efficiency, productivity and throughput, with a stabilisation time up to 50% faster.
- **Intuitive software**
SmarText™ 2.0 is an easy-to-use graphical software featuring 14 applications, QWERTY and numeric keypads, and below-minimum weight indication.
- **Practical touchless sensors**
Explorer features four touchless sensors for hands-free operation of print, calibration, tare, and other selectable functions.
- **Practical approvals**
Explorer is designed and engineered to meet stringent NTEP requirements.
- **Intelligent calibration**
AutoCal™ ensures performance and assists with routine maintenance by automatically calibrating the balance daily.
- **Intuitive user set-up**
Explorer is the industry's most easy-to-use balance, featuring leveling assistance and instructional messaging for quick out-of-the-box set-up and use.



Experience & Expertise

Technical Specification

Capacity (g):	220
Readability d (g):	0.0001
Repeatability (Std. Dev.):	±0.0001
Linearity:	±0.0002
Stabilisation Time (sec)	≤2
Weighing Applications:	Weighing, Percent Weighing, Part Counting, Check Weighing, Dynamic/Animal Weighing, Filling, Totalisation, Formulation, Differential Weighing, Density Determination, Peak Hold, Ingredient Costing, Pipette Adjustment, SQC
Weighing Units:	Gram, Milligram, Kilogram, Carat, Ounce, Ounce Troy, Pound, Pennyweight Grain, Newton, Momme, Mesghal, Hong Kong Tael, Singapore Tael, Taiwan Tael, Tical, Tola, Baht, 3 Custom Units
Calibration:	AutoCal™ on Δ1.5°C temperature change, 11 hours, and external calibration.
Tare Range:	To capacity by subtraction.
Power Requirements:	AC adapter input: 100-240 VAC 0.6A 50-60 Hz
Display Type:	Full colour VGA graphic display, 4-wire resistive touch screen.
Display Size:	5.7 in. / 145 mm (diagonal).
Display Housing	7.7 x 3.5 x 6.0 in. / 195 x 90 x 154 mm
Dimensions (W x H x D):	
Base Housing	9.1 x 13.8 x 15,5 in. / 230 x 350 x 393 mm
Dimensions (W x H x D):	
Communication:	RS232, USB
Operating Temperature Range:	10°C (50°F) to 30°C (86°F)
Operating Humidity Range:	15% to 80% at 31°C (87.8°F) decreasing linearly to 50% at 40°C non-condensing.
Storage Conditions:	-10°C (-14°F) to 60°C (140°F) at 10% to 80% relative humidity, non-condensing.
Pan Size:	Ø 90 mm (3.5 in.)
Net Weight:	6.9 kg (15.2 lb)
Shipping Weight:	9.6 kg (21.1 lb)
Shipping Dimensions:	55 x 38.5 x 55.1 cm (21 x 15 x 21 in.)

Accessories

LabLogic supplies weight sets 1 mg - 500 mg and 1 g - 500 g with certificate.

Ordering Information

Analytical Balances.

Weight sets 1 mg - 500 mg and 1 g - 500 g with certificate.

Analytical Balance IQ/OQ.

Installation and familiarisation training.



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