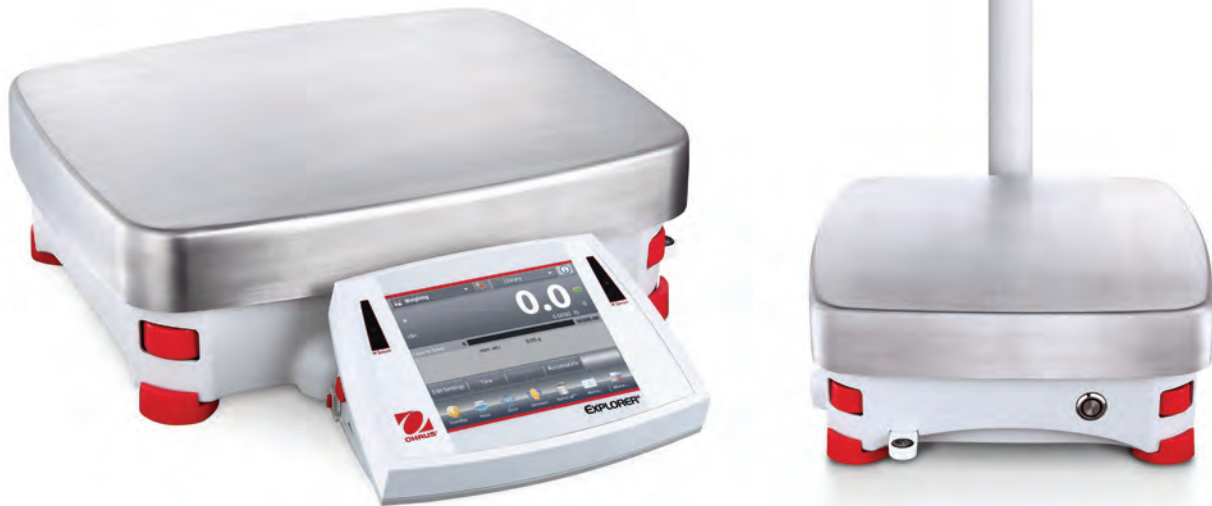The OHAUS Explorer® Series has risen to the next level of ingenuity— expanding on its modern features and design to offer unmatched functionality in a line of high-performance balances unlike any other on the market.

The Explorer series now includes three high-capacity precision models with capacities up to 35 kg. Explorer high-capacity balances offer the same intuitive features, such as AutoCal™ and a 1 second stabilization time, with additional functions and attributes to support higher capacity weighing applications.

Modular Design
- **5.7" Color VGA touch screen optimizes viewing and menu navigation**
- **Two sensors on display offer hands-free operation**
- **The display can be separated from the base up to 1.5 meters in order to fit operational needs in almost any workspace. A 9 meter cable is also available when additional flexibility is needed.**

Superior protection in rugged or unstable environments
- **With a die-cast metal base, 377 × 311 mm stainless steel pan and thick metal housing, Explorer High Capacity is built to withstand daily wear and tear**
- **2-D Protection prevents shock and damage associated with movement and forces applied to the balance**
- **IP54 protection guards balance and weighing cell from damage by dry particles and other debris**
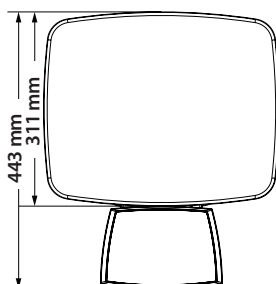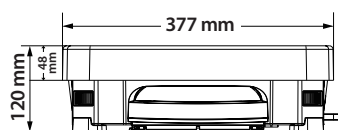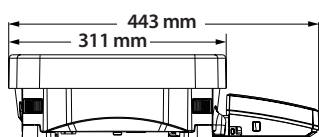
Accessories for Added Efficiency
- **Adjustable rolling feet provide assistance in easily moving the balance**

Explorer® *Analytical and Precision Balances*

Model	EX12001	EX24001	EX35001
Type Approved	EX12001M	EX24001M	EX35001M
Capacity (g)	12000	24000	35000
Readability (g)	0.1	0.1	0.1
Verification Interval, Approved Models	1	1	1
Class, Approved Models	II	II	II
Repeatability std (g)	±0.1	±0.1	±0.1
Linearity (g)	±0.2	±0.2	±0.2
Stabilization TIme	≤1	≤1	≤1
Sensitivity Draft (PPM/°C)	3	3	3
Typical Min-Weight (USP, K=3, U=0.1%)	210g	210g	210g
Typical Min-Weight (GLP K=2, U=0.1%)	140g	140g	140g
Weighing Applications	Weighing, Percent Weighing, Parts Counting, Check Weighing, Dynamic/Animal Weighing, Filling, Totalization, Formulation, Differential Weighing, Density Determination, Peak Hold, Ingredient Costing, SQC		
Weighing Units	g, kg, ct, gn, lb, oz , ozt, N, dwt, hkt, sgt, twt, mom, tical, msg, tola, Custom Unit 1, Custom Unit 2, Custom Unit 3		
Weighing Units, Approved Models	g, kg, ct		
Pan Size (in/cm)	377 × 311 mm		
Calibration	AutoCal™ internal calibration		
Tare Range	To capacity by subtraction		
Power Requirement	AC Adapter Input: 100-240 VAC 0.6A 50-60 Hz		
Display Type	Full-color VGA graphic display, 4-wire resistive touch screen		
Display Size	145 mm (diagonal)		
Display Housing (W × H × D)	195 × 90 × 154 mm		
Base Housing (W × H × D)	377 × 120 × 443 mm		
Communication	Standard RS232, USB, Optional Ethernet, 2nd RS232		
Operating Temperature Range	10°C to 30°C		
Operating Humidity Range	15% to 80% at 30°C, decreasing linearly to 50% at 40°C, non-condensing		
Storage Conditions	-10°C to 60°C at 10% to 90% relative humidity, non-condensing.		
Net Weight	10 kg		
Shipping Weight	12.5 kg		
Shipping Dimensions	665 × 525 × 330 mm		

* EC Type Approved models only

Outline Dimensions

Compliance

- **Metrology:** EC, OIML, NTEP, Measurement Canada (Class I, 320000e; Class II, 42000e)
- **Product Safety:** IEC/EN 61010-1:2001; CAN/CSA-C22.2 No. 61010-1-04; UL Std. No. 61010-1 (2nd Edition)
- **Electromagnetic Compatibility:** EN61326-1:2006 (Class B); C-Tick; FCC, Part 15, Class A ; ICES-003
- **Environment:** RoHS; WEEE

OHAUS CORPORATION
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Registered Quality
Management System

Accessories

Tower Mount for Display 83021102	**Ethernet Kit** 83021082
Display Extension Cable 83021083	**Foot Switch Kit** 83021086
Density Determination Kit 80253384	**RS232 Cable, PC 25 Pin** 80500524
Draftshield Kit (0.01g, 0.1g,	**RS232 Cable, PC 9 Pin**. 80500525
excluding High Capacity models). 83021084	**SF40A Impact Printer** 30045641
Security Device 76288-01	**RS232 Cable SF40A Impact Printer** 12122603
Security Device Kit. 80850043	**Compact Thermal Printer**. 80251992
Interface Cable, USB (Type A to B) 83021085	**Paper for Dot Matrix Printer** 12120714
Second RS232 Kit 83021081	**Ink Ribbon for Dot Matrix Printer** 12120798
RS232 Cable and Adapter	**Adjustable Rolling Feet**. 30041470
to 80251992 Printer 80252581	**Ohaus Collect Software** 80500746

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