

TECHNICAL SPECIFICATION

- Analytical Weighing Capacity up to 110g up to 310g
- Analytical Repeatability (g) 0.0001
- Analytical Readability (g) 0.0001
- Semi Micro Weighing Capacity up to 81g up to 210g
- Semi Micro Repeatability (g) 0.00001 – 0.0001
- Semi Micro Readability (g) 0.00001 – 0.0001
- Auto Calibration
- RS232 Interface with full GLP/GMP Protocol
- Display Size 4 x 1 / 10 x 2.5
- 2-line Alphanumeric Backlit LCD Display
- External Adapter, 100–120VAC 150mA, 220–240VAC 100mA, 50/60Hz
- CE, CSA/UL and FCC approved
- 18 selectable units of measurement (non OIML approved)

OPTIONAL ANCILLARIES

- Thermal Printer
- Impact Printer
- Printer Cable
- Ethernet Interface Connector
- Computer Software
- Dust Cover
- Anti Theft Device

DISCOVERY WEIGHING BALANCE

The **Discovery** weighing Balance is the professional's choice when it comes to weight measurement.

It features a rigid construction and an advanced internal calibration system offering the performance you would expect to find only in premium-priced balances. A compact design, the Discovery Pro delivers accurate results within seconds improving operator efficiency and productivity. The easy to use balance software utilizes text prompts to guide users through applications and balance setup. Delivered through a 2-line backlit LCD display and clearly marked buttons, the Discovery Pro tells you what is going on and what you must do next. It is supplied with a frameless, flip top anti-static glass draft-shield which provides unobstructed access to the working chamber. To minimize weighing errors and ensure accurate measurements, two internal weights are used to perform the internal linear calibration procedure which automatically calibrates the balance when it senses a temperature change significant enough to affect the weighing accuracy. The balance features a rear mount load cell for ultimate, accuracy and isolation.

The Discovery's repeatability and linearity performance is 2x better than most semi-micro balances in its class. Made from a glass and steel construction it resists the effects of static and corrosion increasing balance stability and accuracy, as well as extending product life.

OTHER FEATURES INCLUDE

- Selectable environmental filters, protective in-use cover, integral weigh below hook, easy to use keypad, up-front level indicator, stability indicator, mechanical and software overload/under load protection, AC adapter, user selectable span calibration points, auto tare, user selectable printing options, user selectable communications settings, user selectable data print options, user definable project and user ID's, software reset menu, software lockout menu

WEIGHING FEATURES

- Weighing, Parts Counting with Automatic Sample Recalibration, Percent Weighing, Check weighing, Animal/Dynamic Weighing, Gross/Net/Tare Weighing, Totalization, High Point, Density, Statistics and Pipette Calibration



WEIGHTS & DIMENSIONS: DISCOVERY

Net Weight (kg)	10.2
Width (cm)	20
Depth (cm)	46
Height (cm)	30

The Discovery can be supplied with OIML approval and is offered in analytical and semi-micro versions.