

DISCOVERY PRO DENSITY DETERMINATION BALANCE

The **Discovery Pro Density**

Determination Balance

is the professional's choice when it comes to measuring density. The Discovery Pro 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 a linear calibration. The internal calibration system automatically calibrates the balance when it senses a temperature change significant enough to affect the weighing accuracy.

The Discovery Pro provides users with four methods of density determination to choose from depending on their need. They are:

1. Determine density for solids denser than water
2. Determine density for solids less dense than water
3. Determine density for liquid density (sinker needed – not included)
4. Determine density for Porous material (impregnated with oil).

After entering a couple of parameters into the balance, the built-in density table and mass measurement of the balance take over to provide rapid and accurate density results, with no manual calculations needed.

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/underload 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 and software lockout menu.



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TECHNICAL SPECIFICATION

- Weighing Capacity up to 310g
- Repeatability (g) 0.00001
- Readability (g) 0.00001
- 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

OPTIONAL ANCILLARIES

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

WEIGHTS & DIMENSIONS: DISCOVERY PRO

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