Global

Reaching Worldwide

- **Semi Micro Balance**
- **Analytical Balance**
- **Moisture Analyzer**
- **High Precision Balance**
- **Crane Scale**
- **Density Kit**
- **Weights -** E1, E2, F1

Part 1

Weighing & Weights

PRODUCT CATALOGUE

Analytical Balance -Touch Screen

- Electro Magnetic Force Compensation
- Touch Screen display
- Percentage Weighing
- Multiple Weighing Units
- Density Determination Function
- RS232C Interface
- Counting Weighing mode
- Underhook Weighing
- Calibration with Internal weight
- Time
- Date

Analytical Balance -Touch Screen

SPECIFICATIONS

MODEL	MAB 220T (Touch screen)
Max. (Capacity)	220 g
Readability (d)	0.0001 g
Repeatability (±)	0.2 mg
Linearity (±)	0.4 mg
Min. (Capacity)	10 mg
Verification Scale Intervals (e)	1 mg
Calibration	Motorized Internal Calibration
Class	Class I
Display	5 inch Touch Screen
Response Time	4 - 5 Sec
Pan Size (mm)	80 mm
Tare Range	Full
Operating Temperature	±15°C to ± 25°C
Sensitivity Drift ±	2ppm / °C
Density	Function Available
Key Sound	Yes
Weighing Chamber	240 x 190 x 265 mm
Unit	g, mg, ct, oz
Baud rate Options	1200, 2400, 4800, 9600
Interface	RS232C
Power Supply	AC 220V / 50-60 Hz
Dimension (LxWxH) mm	475 x 315 x 485
Weight	10 Kg

Specifications are subject to change without notice. ★

Density Determination Kit for solid samples available - optional

Standard Accessories

Instrument
Draft ring
Pan
Pan support
Dust guard
Adaptor
User manual

HPB SERIES - 1 mg

High Precision Balance

- Electro Magnetic Force Compensation
- Underhook Weighing
- External Calibration
- LCD display
- Percentage Weighing
- Multiple Weighing Units
- TARE
- Density Determination
- RS232C Interface
- Counting Weighing mode

High Precision Balance

SPECIFICATIONS

MODEL	HPB 201	HPB501	HPB 1001
Capacity	220 g	520 g	1020 g
Readability	0.001 g (1mg)		
Repeatability (±)	0.001 g		
Linearity (±)	± 0.002 g		
Min.(Capacity)	0.1 g		
Display	LCD		
Pan Size	80 mm Ø		
Response Time	4- 5 Sec		
Calibration	Automatic External		
Tare Range	Full		
Operating Temperature	15°C to 30°C		
Density	Yes		
Unit	g,ct, ozt, oz, GN, dwt, lb		
Key Sound	Yes		
Weighing Chamber Height	195 mm		
Baudrate	1200, 2400, 4800, 9600		
Class	I		
Interface	RS232C		
Data Output Mode	Command and continous Output		
Power Supply	AC 220V / 50-60 Hz		
Dimension (LxWxH) mm	220 x 360 x 345 mm		
Weight	10 kg		

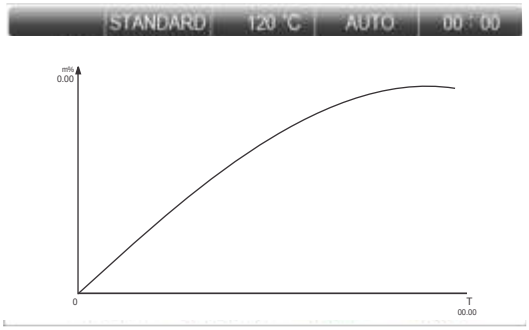
Density Determination Kit for solid samples available - optional

★ Specifications are subject to change without notice.

MOISTURE ANALYZER

Salient Features

- Halogen Light Heating
- Curve (Graph)
- Temperature and time can be set
- The percentage of Moisture content
- The percentage of dry residual
- Touch Screen
- Store historical setting
- Loadcell Sensor



MOISTURE DETERMINATION (1)

Machine Type	: PGB 1MB
Heating Mode	: STANDARD
Stop Mode	: AUTO STOP
Heating Temp.	: 130°C
Elaspased Time	: 03:25
MW	: 2.056g
DW	: 1.933g
Moisture	: 5.98%M
Date	: 2017-10-17
Time	: 08:16:14

STANDARD ACCESSORIES

The sample pan holder,
Tray handle,
Power cord,
Aluminum sample pan
Instruction Manual

Moisture Analyzer

SPECIFICATIONS

MODEL	PGB 1MB
Capacity	110g
Readability	0.001 g (1mg)
Repeatability (±)	0.001 g
Linearity (±)	0.002 g
Display	Touch Screen
Pan Size	90 mm Ø
Sensor	loadcell
Calibration	Automatic External
Operating Temperature	5°C to 35°C
Heating Source	Halogen lamp
Temp. Sensor	PT - 100
Temperature Setting	40°C~199°C
Temp. Step	1°C
Time Setting	1~99 minutes
Dry Readability	0.01%
Dry Range	100.00% ~ 0.00%
Curve	Yes
Allumium Sample PAN	Available
No. of Storage	20
Power Supply	AC 220V / 50-60 Hz
Dimension (LxWxH) mm	490 x 360 x 350 mm
Weight	7.5 kg

★ Specifications are subject to change without notice.

Precision Balance

Salient Features

- Auto Calibration with External Weight
- Low Battery Indicator
- Multifunction Weighing Units
- Auto Zero tracking.
- Overload Protection Design
- S.S. Weighing Pan, Level indicator, Adjustable Fit
- High Resolution, Quick Weighing, Accurate Result
- RS232 Interface
- In built rechargeable battery for PGB 200 only.

SPECIFICATIONS

MODEL	PGB 200	PGB 301
Capacity	200 g	300 g
Readability	0.001 g (1 mg)	
Repeatability (±)	0.001 g	
Linearity (±)	0.002 g	
Pan Size	80 mm	
Display	LCD with backlight	
Calibration	Automatic External	
Tare Range	Full	
Operating Temperature	10°C to 40°C	
Power supply	AC 220V/ 50-60 Hz	
Dimension (LxWxH) mm	415 x 405 x 295	
Weight	5.7 kg	

★ Specifications are subject to change without notice.

Precision Balance

PGB 220 & 321

Salient Features

- Low Battery Indication
- Auto Calibration with External Weight
- Multifunction Weighing Units
- Auto Zero tracking
- Overload Protection Design
- S.S. Weighing Pan, Level indicator, Adjustable Fit
- High Resolution, Quick Weighing, Accurate Result
- In built rechargeable battery for continues use.

SPECIFICATIONS

MODEL	PGB 220	PGB 321
Capacity	200 g	300 g
Readability	0.001 g (1 mg)	
Repeatability (±)	0.001 g	
Linearity (±)	0.002 g	
Pan Size	90 mm	
Response Time	3 - 4 Sec	
Calibration	Automatic External	
Display	LCD with back light	
Tare Range	Full	
Operating Temperature	10°C to 40°C	
Power supply	AC 220V / 50-60 Hz	
Dimension (LxWxH) mm	360 x 260 x 355	
Weight	3.5 kg	

★ Specifications are subject to change without notice.

Precision Gold Balance

Salient Features

- Auto Calibration with External Weight.
- Low Battery Indicator.
- Multifunction Weighing Units.
- Auto Zero tracking.
- In built rechargeable battery for continues use.
- Overload Protection Design.
- S. S. Weighing Pan, Level indicator, Adjustable Fit.
- Front RED LED display
- Automatic switch off. option
- RS232 Interface.

SPECIFICATIONS

MODEL	PGB 600	PGB 1000
Capacity	600 g	1000 g
Readability	0.01 g (10 mg)	
Repeatability (±)	0.01 g	
Linearity (±)	0.02 g	
Pan Size	120 Ø mm	
Display	RED LED	
Calibration	Automatic External	
Tare Range	Full	
Operating Temperature	10°C to 40°C	
Power Supply	AC 220V / 50-60 Hz	
Dimension (LxWxH) mm	360 x 230 x 140	
Weight	2.5 kg	

★ Specifications are subject to change without notice.

Salient Features

- Green LED, Front & Back display
- Auto Calibration with External Weight.
- Low Battery Indicator.
- Multifunction Weighing Units.
- Auto Zero tracking.
- In built rechargeable battery for continues use.
- Piece counting function
- RS232 Interface.

Precision Gold Balance

SPECIFICATIONS

MODEL	PGB 630	PGB 1030
Capacity	600 g	1000 g
Readability	0.01 g (10 mg)	
Repeatability (±)	0.01 g	
Linearity (±)	0.02 g	
Pan Size	120 Ø mm	
Display	GREEN LED	
Calibration	Automatic External	
Tare Range	Full	
Operating Temperature	10°C to 40°C	
Power Supply	AC 220V / 50-60 Hz	
Dimension (LxWxH) mm	330 x 240 x 120	
Weight	2.2 kg	

★ Specifications are subject to change without notice.

with Glass Windshield

Precision Gold Balance

Salient Features

- Glass Windshield
- Auto Calibration with External Weight
- Low Battery Indicator
- Multifunction Weighing Units
- In built rechargeable battery for continues use
- Auto Zero tracking
- Overload Protection Design
- Front RED LED display
- Automatic Switch Off Option
- High precision loadcell sensor
- RS232 Interface

SPECIFICATIONS

MODEL	PGB 610
Capacity	600 g
Readability	0.01 g (10 mg)
Repeatability (±)	0.01 g
Linearity (±)	0.02 g
Pan Size	115 Ø mm
Display	RED LED
Calibration	Automatic External
Tare Range	Full
Operating Temperature	10°C to 40°C
Power Supply	AC 220V / 50-60 Hz
Dimension (LxWxH) mm	325 x 260 x 350
Weight	3.7 kg

★ Specifications are subject to change without notice.

Thermal Printer

Thermal Printer

- Printing method: direct thermal
- Printing paper width: 58mm
- Valid printing width: 48mm
- Resolution 8 /mm（ 203dpi）
- Points of each line : 384 points
- Printing speed:60 mm/S
- Printing density: 8 dots/mm, 384 dots/line
- Printing speed: approx. 70mm/ sec. or 20 lines/sec.
- RS232 / USB Interface
- DB25 socket (female), supports RTS/CTS protocol,
- Ports: 2400,4800,9600,19200,38400,57600,115200bps
- Power Supply - DC7.5V

WDK-250

Density Kit

- For solid density determination
- Suitable for MAB, HPB & PGB Series
- Can use for other weighing balance also

STANDARD ACCESSORIES

- Beaker Base
- Beaker
- PAN stand
- Pans suspension
- Thermometer
- Upper pan stand

Density Determination Kit

According to the Archimedean Principle, Solid Body immersed in a liquid apparently loses as much of its own weight as the weight of the liquid it has displaced. This makes it possible to determine the unknown value. Depending on whether the body in quotient is liquid or solid.

The international system of units specifies Kg/m^3 as the unit of density. However, the unit g/cm^3 is better suited to lab purpose

Salient Features

- Auto Calibration with External Weight
- Easy to read LCD Display with backlight
- Multifunction Weighing Units
- Auto Zero tracking, Low Battery Indicator
- Overload Protection Design
- S.S. Weighing Pan, Level indicator, Adjustable Fit
- High Resolution, Quick Weighing, Accurate Result
- RS232C Interface
- In built rechargeable battery for continues use.

Precision Balance

SPECIFICATIONS

MODEL	PGB 3010	PGB 6000
Capacity	3000 g	6000 g
Readability	0.01 g (10 mg)	0.1 g (100 mg)
Repeatability (±)	0.01 g	0.1 g
Linearity (±)	0.02 g	0.2 g
Pan Size	180 x 195 mm	
Display	LCD	
Calibration	Automatic External	
Tare Range	Full	
Operating Temperature	10°C to 40°C	
Power supply	AC 220V/ 50-60 Hz	
Dimension (LxWxH) mm	440 x 265 x 220	
Weight	4 kg	

Specifications are subject to change without notice. ★

Salient Features

- Auto Calibration with External Weight
- Easy to read LCD Display with backlight
- Multifunction Weighing Units
- Auto Zero tracking, Low Battery Indicator
- Overload Protection Design
- S.S. Weighing Pan, Level indicator, Adjustable Fit
- High Resolution, Quick Weighing, Accurate Result
- In built rechargeable battery for continues use.

Precision Balance

SPECIFICATIONS

MODEL	PGB 3110	PGB 6100
Capacity	3000 g	6000 g
Readability	0.01 g (10 mg)	0.1 g (100 mg)
Repeatability (±)	0.01 g	0.1 g
Linearity (±)	0.02 g	0.2 g
Pan Size	160 x 160 mm	
Display	LCD	
Calibration	Automatic External	
Tare Range	Full	
Operating Temperature	10°C to 40°C	
Power supply	AC 220V/ 50-60 Hz	
Dimension (LxWxH) mm	440 x 265 x 220	
Weight	4 kg	

★ Specifications are subject to change without notice.

ECB 300

ECB 600 / 6000

Economic Compact Balance

SPECIFICATIONS

MODEL	ECB 300	ECB 600	ECB 6000
Capacity	300 g	600 g	6000 g
Readability	0.01 g (10 mg)	0.1 g (100 mg)	1 g
Repeatability (±)	0.01 g	0.1 g	1 g
Linearity (±)	0.02 g	0.2 g	2 g
Pan Size (mm)	120 Ø	155 x 155	
Display	LCD		
Calibration	Automatic External		
Tare Range	Full		
Operating Temp.	10°C to 40°C		
Power Supply	AC 220V / 50-60 Hz		
Dimension (LxWxH) mm	300 x 165 x 90	245 x 170 x 160	
Weight	1 kg		

★ Specifications are subject to change without notice.

Salient Features

- Compact and space saving
- DC Adaptor available
- ECB 300 with draft shield
- Auto zero tracking
- Auto Calibration with External Weight
- Stable Indicator & Accurate Result.