

PGL Precision Balances



PGL balances combine the solid construction and fundamental features of a high-precision top loading balance with the versatility of a portable balance. A full-metal die cast housing, sealed front panel, and readabilities of 1mg, 10mg, and 0.1g make the PGL ideal for applications that demand both high precision and ruggedness. A built-in rechargeable battery and AC adapter/charger allow you to take your PGL balance anywhere, even out to the field.

With over 40 years of experience in the production of weighing instruments you can trust Adam for quality products that offer a range of features designed for a variety of applications.



AE ADAM[®]
THE RIGHT BALANCE
Speed, Performance, Value

PGL Highlights:

The large backlit display with capacity tracker is easy to read and shows you how much weighing range is left when using the tare function, ensuring that you do not overload the balance.

Navigating the built in applications and weighing modes is easy with the intuitively designed keypad. Access to the main functions is quick and a special lock out feature allows the supervisor to set up access to all or certain functions so users do not inadvertently change the settings.

Communications are easy with the built in bidirectional RS-232 interface. The PGL series works with our AdamDU data collection software or alternatively interface with computers or printers.

From 1mg to 0.1g the PGL offers higher capacity for laboratory and materials testing applications.

Features

- RS-232 interface
- AC power or rechargeable battery operation
- 8 weighing units including one custom unit
- Below balance weighing
- All metal construction
- Backlit LCD display with capacity tracker
- Stainless steel platform

Applications

- Weighing
- Parts counting
- Percent weighing
- Check weighing
- Density calculation



RS-232 Interface, security slot and level



Large backlit display



Stainless steel pan

Technical Specifications

Model	PGL 203	PGL 303	PGL 2002	PGL 3002	PGL 4001	PGL 6001	PGL 8001	PGL 10001	PGL 20001	PGL 30001
Capacity	200g	300g	2000g	3000g	4000g	6000g	8000g	10kg	20kg	30kg
Readability	0.001g	0.001g	0.01g	0.01g	0.1g	0.1g	0.1g	0.1g	0.1g	0.1g
Repeatability (S.D.)	0.002g	0.003g	0.02g	0.03g	0.2g	0.2g	0.2g	0.2g	0.2g	0.2g
Linearity (+/-)	0.004g	0.006g	0.04g	0.06g	0.4g	0.4g	0.4g	0.4g	0.4g	0.4g
Pan Size	145x125mm		192x192mm					400x300mm		
Weighing Units	g/mg/ct/GN/N/ozt/dwt/oz/custom		g/kg/ct/GN/N/ozt/dwt/oz/custom		g/kg/ct/GN/N/lb/oz/lb:oz/custom					
Stabilisation Time	2 Secs									
Interface	Bi-directional RS-232 interface									
Calibration	Automatic External									
Display	Backlit LCD display with dual digits and capacity tracker									
Power Supply	AC adapter and rechargeable battery pack (both included)									
Operating Temperature	0° - 40°C									
Housing	Metal die cast housing									
Overall Dimensions	251x358x104mm - (PGL 203, 303, 2002, 3002, 4001, 6001 & 8001) 455x400x95mm - (PGL 10001, 20001, 30001)									
Net Weight	4kg - (PGL 203, 303, 2002, 3002, 4001, 6001 & 8001) 7.3kg - (PGL 10001, 20001 30001)									

Accessories

- Density determination kit
- Anti-Vibration table
- Below balance hanger
- In-use cover
- Kensington® type lock and cable
- RS-232 Cable
- RS-232 to USB converter cable
- AdamDU - Data collection software
- Adam printer
- Printer paper