

Precision balance

PRECISION BALANCES, PREMIUM SERIES, VWR®

A selection of 36 high level balances offering high accuracy and repeatability combined with easy, intuitive operation and a large touch screen for applications in the laboratory, industrial and educational settings.

- Highly accurate results (high-end weighing technology)
- Fast stabilisation times
- Easy to clean
- High chemical resistance
- Control panel with high resolution, touch screen functionality and eight language options
- Overload protection
- Future-proof USB type C interface
- Under bench weighing
- Data transfer as PC spreadsheet, PC text and Ascii protocols
- Six built-in applications with GLP/GMP compliant data output: Weighing and dosing, counting, percentage weighing, density determination, mass unit conversion and animal weighing

These high-quality balances have a polybutylene terephthalate (PBT) housing, which has excellent chemical resistance. The control unit is made of glass and has intuitive operation and a large touch screen. The weighing pan is stainless steel. All Precision models (PBA) have a glass draft shield with convenient access to the weighing pan. This draft shield is specially coated to minimise weighing errors from electrostatically charged samples. Precision models with readability of 10 or 1000 mg do not have draft shields.

Models with internal 'One-Touch-Calibration' are denoted by I in the model name.

FC models are supplied with a factory calibration certificate.

EN 61326-1:2013, EN 61010-1: 2010, EN 61010-2-010:2014, EN 50581:2012, IEC 60664-1

Model	Weighing cap. (g)	Linearity (mg)	Pan/platform size (mm)	Readability (mg)	Repeatability (mg)	Pk	Cat. No.
Balances with external calibration							
PBP423-1S	420	±2	Ø 120	1	±1	1	**611-4801**
PBP623-1S	620	±2	Ø 120	1	±1	1	**611-4805**
PBP2202-1S	2200	±20	Ø 180	10	±10	1	**611-4809**
PBP4202-1S	4200	±20	Ø 180	10	±10	1	**611-4813**
PBP6202-1S	6200	±20	Ø 180	10	±10	1	**611-4817**
PBP2201-1S	2200	±300	Ø 180	100	±100	1	**611-4821**
PBP5201-1S	5200	±300	Ø 180	100	±100	1	**611-4825**
PBP8201-1S	8200	±300	Ø 180	100	±100	1	**611-4829**
PBP8200-1S	8200	±1000	Ø 180	1000	±1000	1	**611-4833**
Balances with external calibration and factory calibration certificate							
PBP423-1S-FC	420	±2	Ø 120	1	±1	1	**611-4803**
PBP623-1S-FC	620	±2	Ø 120	1	±1	1	**611-4807**
PBP2202-1S-FC	2200	±20	Ø 180	10	±10	1	**611-4811**
PBP4202-1S-FC	4200	±20	Ø 180	10	±10	1	**611-4815**
PBP6202-1S-FC	6200	±20	Ø 180	10	±10	1	**611-4819**
PBP2201-1S-FC	2200	±300	Ø 180	100	±100	1	**611-4823**
PBP5201-1S-FC	5200	±300	Ø 180	100	±100	1	**611-4827**
PBP8201-1S-FC	8200	±300	Ø 180	100	±100	1	**611-4831**
PBP8200-1S-FC	8200	±1000	Ø 180	1000	±1000	1	**611-4835**
Balances with internal calibration							
PBP423i-1S	420	±2	Ø 120	1	±1	1	**611-4802**
PBP623i-1S	620	±2	Ø 120	1	±1	1	**611-4806**
PBP2202i-1S	2200	±20	Ø 180	10	±10	1	**611-4810**
PBP4202i-1S	4200	±20	Ø 180	10	±10	1	**611-4814**
PBP6202i-1S	6200	±20	Ø 180	10	±10	1	**611-4818**
PBP2201i-1S	2200	±300	Ø 180	100	±100	1	**611-4822**
PBP5201i-1S	5200	±300	Ø 180	100	±100	1	**611-4826**
PBP8201i-1S	8200	±300	Ø 180	100	±100	1	**611-4830**
PBP8200i-1S	8200	±1000	Ø 180	1000	±1000	1	**611-4834**
Balances with internal calibration and factory calibration certificate							
PBP423i-1S-FC	420	±2	Ø 120	1	±1	1	**611-4804**
PBP623i-1S-FC	620	±2	Ø 120	1	±1	1	**611-4808**
PBP2202i-1S-FC	2200	±20	Ø 180	10	±10	1	**611-4812**
PBP4202i-1S-FC	4200	±20	Ø 180	10	±10	1	**611-4816**