

Portable Series Balances



Rugged, multi-purpose balances for a wide range of general weighing applications

Fisherbrand™ Portable Series balances are perfect for general weighing applications in laboratory, industrial and educational settings. Ruggedly constructed and multifunctional, our Portable Series balances can handle a diverse range of weighing applications with features such as fast stabilisation time, overload protection at four times their rated capacity, and easy operation.

- **Designed for accuracy and repeatability in essential weighing applications**

Designed for a range of essential weighing applications, the Portable Series offers accuracy and repeatability at a competitive pricepoint, making them a valuable tool in laboratory, industrial and educational environments

- **Improved productivity with fast stabilisation time**

The Portable Series is designed to accurately stabilise in less than one second to provide fast and accurate weighing results, improving operator efficiency, productivity and throughput

- **Mechanical overload protection safeguards the balance and increases durability**

An overload protection system that can withstand loads up to four times the rated capacity safeguards the balance. An integrated shipping lock protects the weighing cell during transportation and storage

Portable Series Applications

Education

With an overload protection system rated at four times their capacity, Portable Series balances are ideal for demanding applications in the classroom such as sample weighing, percent weighing, and checkweighing. The space-saving design (smaller models up to 620g capacity only) allows for stackable storage. Additionally, their portability and battery operation makes these balances ideal for experiments out in the field.



Laboratories and research

Designed to be easy to clean, precise and simple to use in laboratory environments. Simple setup and percent weighing mode make this the ideal balance for laboratory applications such as formulation, quality inspections, testing and general experimentation.



Industry and manufacturing

Designed to be robust, fast and accurate, making these balances ideal for use in light to medium-duty industrial applications, including paint and ink mixing, packaging, sampling and parts counting. Up to 400% safety overload protects the integrity of internal components, with an ultra-fast, one-second stabilisation time to improve operator efficiency and productivity.



Offices, small businesses & general commerce

Designed to be tough, portable and reliable for ideal use in shipping and receiving, offices, home working and warehouse environments. Battery operation, counting and checkweighing modes also make these balances ideal for hobbies and crafts, inventory management, inspection and quality control.



Pre-pack and portion control

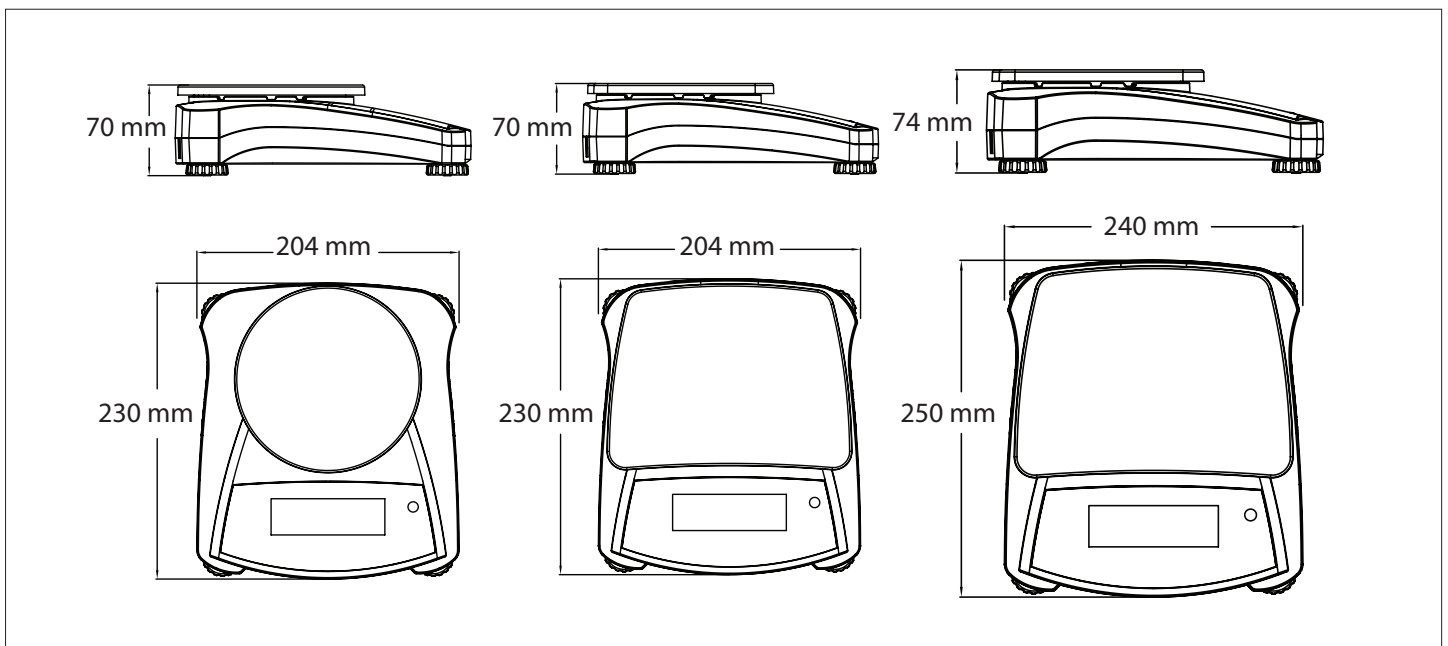
Designed to be hygienic, low-maintenance and durable for ideal use in portioning and pre-packaging. Weighing units such as kg, g, lb, oz, lb/oz plus percent and checkweighing modes enhance their suitability for behind-the-counter, prep station and similar environments.



Portable Series Balances

Cat. No	15959345	15969345	15979345	15989345	15999345
Model	FPOS222	FPOS622	FPOS2201	FPOS4201	FPOS6201
Capacity (g)	220	620	2200	4200	6200
Readability (g)	0.01	0.01	0.1	0.1	0.1
Span calibration mass*	200g	300g	1000g	2000g	5000g
Linearity calibration mass*	100g, 200g	300g, 600g	1kg, 2kg	2kg, 4kg	3kg, 6kg
Stabilisation time (s)	1	1.5	1	1.5	1.5
Construction	ABS housing and stainless steel pan				
Calibration	User-selectable external span or linearity calibration/Digital with external weight				
Tare range	Full capacity by subtraction				
Weighing units	g/kg, N, oz, ozt, dwt, lb, lb/oz, ct, grain				
Application modes	Weighing, Parts Counting, Percent Weighing, Checkweighing				
Power requirement	AC adapter (included) or four 'C' batteries (not included)				
Typical battery life	270 hours				
Temperature range	10°C to 40°C at 10% to 85% relative humidity, non-condensing				
Storage conditions	-20°C to 55°C at 10% to 90% relative humidity, non-condensing				
Communication	RS232, USB, or Ethernet (available as accessories)				
Display type	Liquid crystal display (LCD) with backlight				
Display size	20mm digits				
Pan size (w × d), mm	Ø 145	Ø 145	190 × 144	230 × 174	230 × 174
Balance dimensions (w × d × h), mm	204 × 230 × 70	204 × 230 × 70	204 × 230 × 70	240 × 250 × 74	240 × 250 × 74
Shipping dimensions (w × d × h), mm	300 × 250 × 134	300 × 250 × 134	300 × 250 × 134	385 × 335 × 170	385 × 335 × 170
Net weight, kg	1	1	1	1.5	1.5
Shipping weight, kg	1.5	1.5	1.5	2.3	2.3

*Calibration masses not included



Cat. Nos 15959345/15969345

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Other standard features and equipment

All models come as standard with ABS housing, stainless steel pan, transportation lock, menu and calibration lockswitch, slip-resistant and adjustable feet, leveling bubble, mechanical and software overload/underload protection, stability indicator, low battery indicator, auto shut-off, user-selectable print options and user-selectable communication settings.

Compliance

- **Product safety:** IEC/EN 61010-1
- **Electromagnetic compatibility:** IEC/EN 61326-1 Class B, Basic environments; FCC Part 15 Class B; Canada ICES-003 Class B
- **Compliance mark:** CE

Optional accessories

Cat. No	Description	Pack qty
11752158	USB interface kit for connection to peripherals, printers and monitors	1
11742158	RS232 interface kit for connection to peripherals, printers and monitors	1
12717216	Ethernet interface kit	1
12787216	Rechargeable battery kit (for Cat. Nos 15989345/15999345 only)	1
16488613	Carrying case	1
16498613	Universal power adapter with plugs	1
16478613	Power adapter 12V 0.5A with UK plug	1
16428613	Stacking kit	1
16438613	Stacking kit	4
13445129	Portable impact dot matrix printer SF40A, with EU plug	1

Find out more at eu.fishersci.com/go/fisherbrand

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