

What's our secret?

At the heart of every Cahn microbalance is a symmetrical, lightweight alloy beam, coupled to a rugged platinum taut-band suspension.

This allows for a unique combination of stability, sensitivity and durability.

Orion Cahn® C-33

Single pan microbalance



Single Pan, Economical Microbalance Orion Cahn C-33

- The Most Economical Microbalance on the Market
- Convenient Micro-weighing up to 250 mg Tare Range
- A Rugged Microbalance for Use in Almost Every Laboratory Environment

The Orion Cahn C-33 Microbalance enables microweighing at a very affordable price. The C-33 has only one hang-down position and there is no counter-weight pan.

With a tare range of up to 250 milligrams, the C-33 can handle almost any container, making

it more convenient to weigh. The C-33 is ideal for weighing biological material, filters, standards for serial dilutions, and precious chemicals, all of which usually require a microbalance. The C-33 is extremely stable and can be used on a normal lab bench and does not require a temperature-controlled environment.

Orion Cahn® C-33

The C-33 is ideal for weighing biological material, filters, standards for serial dilutions, all which require a microbalance.

Orion Cahn C-33 Specifications

	Specification	Benefit
Capacity	250 mg	Weigh a variety of samples
Weigh Range (1 µg precision)	200 mg	Quick weighing over the entire range
Readability	1.0 µg	High sensitivity
Reproducibility	1.0 µg	Great precision, economical
Linearity	1.0 µg	Readings you can trust
Tare Range	250 mg	Can handle almost any container
Response Time	10 sec	Quick and stable reading
Output	RS232	Bi-directional RS232
Pan Size	Up to 60 mm	Large sample sizes
Housing Size (cm)	41.5 x 23 x 27.5	Fits easily on any benchtop
Net Weight	8 Kg	Light weight and portable
Power	100 to 240 VAC	

Above data generated under optimal/controlled circumstances.

Orion Cahn C-33 Ordering information

Orion #	Description of Balance and Accessories
13633-01	C-33 Microbalance, 250 mg capacity, single weighing range. Power selection for 100, 120, 220, 240 V, 50/60 Hz
01269-01	Ionizing Unit, eliminates static charge on balance surfaces and samples, 12 months of useful life
10407-01	Microbalance Accessory Pack for use with C-34 & C-35. Contains micro-spatula, 19 mm open & 22 mm platform stirrups, (100) 12 mm Al pans, (20) 25 mm Al pans, non-magnetic forceps, and 200 mg Class 1.1 calibration weight
02027-01	Anti-Static Solution, 6 oz. bottle, eliminates static charge on balance surfaces
01577-01	Forceps, non-magnetic stainless steel, for handling Class 1.1 weights and filter samples
10406-01	Spatula, vibrating
12555-01	Interface Cable, RS232, null modem
01427-01	Weight, 100 mg, flat, Class 1.1
01540-01	Weight, 200 mg, flat, Class 1.1
06137-01	Weight, 1 g, flat, Class 1
02888-01	Tare Set, 1-500 mg Includes: (1) 1 mg, (2) 2 mg, (1) 5 mg, (1) 10 mg, (2) 20 mg, (1) 50 mg, (1) 100 mg, (2) 200 mg, (2) 500 mg, tare weights
01187-01	Pan, Al, 12 mm, each ~ 17 mg, 20/pk
01187-02	Pan, Al, 12 mm, each ~ 17 mg, 100/pk
01568-02	Pan, Al, 25 mm, each ~ 35 mg, 20/pk
02034-01	Weighing Cup, Teflon, ~ 51 mg, 15 x 11 mm
02034-48	Weighing Cup, Teflon, 1.8 mL, ~ 60 mg, 48/pk
14076-01	Boat, Al, 130 mg, 10/pk
01129-01	Stirrup, open, 19 x 19 x 9 mm, 8 mg
09353-02	Stirrup, platform, 22 x 41 x 20 mm
04741-01	Stirrup, platform, 60 x 20 x 38 mm