

At the heart of every Thermo Scientific Micro Balance C-33 (formerly sold under the CAHN brand) 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.

Thermo Scientific Micro Balance C-33

Single Pan, Economical Micro Balance



Typical application fields:

- Pharmaceutical
- Biotechnology
- Chemical Industry
- Semiconductor

Main Features:

- Convenient micro-weighing up to 250 mg tare range
- Portable – no balance table required
- System can take physical shocks
- No need for temperature-controlled environment

Single Pan, Economical Micro Balance

The Thermo Scientific Micro Balance C-33 enables microweighing at a very affordable price.

The Thermo Scientific Micro Balance C-33 has only one hang-down position and there is no counter-weight pan. With a tare range of up to 250 mg, the Micro Balance C-33 can handle almost any container, making it more convenient to weigh.

The Micro Balance C-33 is ideal for weighing biological material, filters, standards for serial dilutions, and precious chemicals, all of which usually require a micro balance.

The Micro Balance C-33 is extremely stable and can be used on a normal lab bench and does not require a temperature-controlled environment.

Thermo Scientific Micro Balance C-33 Specifications

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

	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.

Thermo Scientific Micro Balance C-33 Ordering information

Micro Balance C-33	Description of Balance and Accessories
13633-01	Micro Balance C-33, 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	Micro Balance 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

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