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Sartorius M-Power
Advanced Weighing Technology Made Affordable

turning science into solutions

www.scaleman.com

Sartorius M-Power Balances – Designed with Fundamental Weighing Tasks in Mind

Ideal for academic labs, research and industrial settings.

The M-Power Series from Sartorius offers excellent performance for even the most demanding users. They meet all requirements for efficient workflow and accurate results required in many of today's demanding laboratory applications

All M-Power models are made with state-of-the-art technology to provide accuracy and outstanding performance at remarkably affordable prices. M-Power balances are distinguished by an attractive design, durable ABS housing and user-friendly operation.

Budget conscious price The M-power balance is the economical solution to your weighing needs. We've included all the required features for straight-forward weighing, no more, no less.

Easy operation Basic weighing is effortless. Use "FUNCTION" key to toggle between weigh units or applications. Large dual "TARE" keys provide quick and convenient zeroing of the balance.

Multiple weighing modes With the press of a single key, toggle between two weigh units. Chose from a set of 20 weighing units, including: grams, kilograms, ounces, grains, carats, pounds, or troy ounces, to name a few.

Average Weighing For maximum accuracy, M-Power balances can be programmed to perform average weighing over a set period of time. Ideal for weighing lab animals or volatile sample types, or for work in unstable ambient conditions.
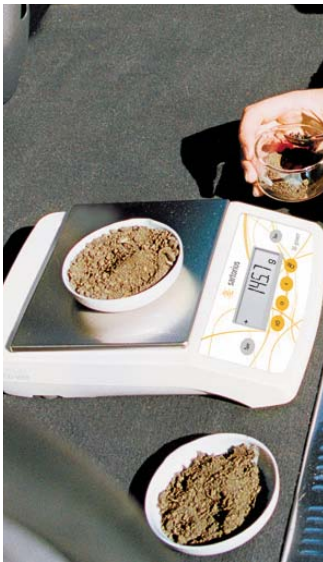
Product Features and Highlights:
- Thanks to a large clear LCD display and large function keys on the keypad - weighing has never been easier

- Toggle between two weigh units including grams, milligrams and ounces

- Helpful applications such as counting, percent weighing, formulation, average weighing simplify weigh tasks

- Automatic external calibration using a precision calibration weight

- 20 different weighing modes

- RS232 port standard for data transfer to printer or computer

- Easy-to-Clean removable stainless-steel weigh pan

- Level indicator and adjustable feet

- Up to 4 user selectable environmental filter settings that help ensure accurate results

Applications
- Percent weighing. The versatile features of these balances allow measurement of a percent proportionate to a reference weight. Eliminate human errors by seeing the weight increase or decrease in percentage points instead of typical weighing units.

- Net total weighing. Perfect for formulation. Place first component on the balance. Press the "FUNCTION" button and the individual weight is stored and the balance is automatically tared. Repeat with multiple components up to the capacity of the balance. When complete, the cumulative weight is displayed and can be printed.

- "One-press" Calibration . Use a precision external weight to assure that every reading is accurate. Press the "CAL" button, add the calibration weight and the balance instantly completes the calibration procedure.

- RS232 interface. Connect the M-power balance to a computer or printer for a permanent record of results. Press the "Print" key and the results are transferred automatically.

- Built to last. These balances are constructed to withstand the rigors of diverse environments from educational to industrial use with built-in overload protection to guard against damage due to misuse.

- Parts counting. M-power balances are ideal for inventory and process control. Simply place the reference quantity (10, 20, 50 or 100 pieces) on the pan and the balance will do the rest. Add or subtract pieces for an accurate piece count.

Model	Capacity	Readability	Repeatability	Pan Size	External Calibration Weight	Response Time (avg.)	Shipping Weight
AZ64	60 g	0.0001 g	± 0.0002 g	3.5" dia. / 90 mm	50 g	3.0 sec.	10.8 lbs / 4.9 kg
AZ124	120 g	0.0001 g	± 0.0002 g	3.5" dia. / 90 mm	100 g	3.0 sec.	10.8 lbs / 4.9 kg
AZ214	210 g	0.0001 g	± 0.0002 g	3.5" dia. / 90 mm	200 g	3.0 sec.	10.8 lbs / 4.9 kg
AZ153	150 g	0.001 g	± 0.002 g	3.9" dia. / 100 mm	100 g	2.5 sec.	7.5 lbs. / 3.4 kg
AZ313	310 g	0.001 g	± 0.0015 g	3.9" dia. / 100 mm	200 g	2.5 sec.	7.5 lbs. / 3.4 kg
AZ212	210 g	0.01 g	± 0.015 g	4.5" dia. / 116 mm	200 g	2.5 sec.	4.9 lbs. / 2.2 kg
AZ612	610 g	0.01 g	± 0.015 g	4.5" dia. / 116 mm	500 g	2.5 sec.	4.9 lbs. / 2.2 kg
AZ1502	1,500 g	0.01 g	± 0.015 g	6.9"x 5.6" / 174 x 143 mm	1000 g	2.5 sec.	5.5 lbs. / 2.5 kg
AZ3102	3,100 g	0.01 g	± 0.015 g	6.9"x 5.6" / 174 x 143 mm	2000 g	2.5 sec.	5.5 lbs. / 2.5 kg
AZ601	600 g	0.1 g	± 0.1 g	6.9"x 5.6" / 174 x 143 mm	500 g	2.0 sec.	5.5 lbs. / 2.5 kg
AZ2101	2,100 g	0.1 g	± 0.1 g	6.9"x 5.6" / 174 x 143 mm	1000 g	2.0 sec.	5.5 lbs. / 2.5 kg
AZ4101	4,100 g	0.1 g	± 1.0 g	6.9"x 5.6" / 174 x 143 mm	2000 g	2.0 sec.	5.5 lbs. / 2.5 kg
AZ6101	6,100 g	0.1 g	± 1.0 g	6.9"x 5.6" / 174 x 143 mm	5000 g	2.0 sec.	5.5 lbs. / 2.5 kg

Model No.	Description
YRB08Z	External Battery Pack
6960TE01	In-Use Cover (analytical units)
6960TE02	In-Use Cover (round pan units)
6960TE03	In-Use Cover (rectangular pan units)
6971947	Power Supply 110V
6971948	Power Supply 220V
YDP20-OCE	GLP Printer
69B12180	Draft Ring (round pan models only - 5.5"/140 mm dia. - Glass)
YCC05-001M2	Data Transfer Interface Cable - 5 ft (fits RS232)
YCC01-USBM2	RS232 (25-pin) to USB Connecting Cable
YRD02Z	Remote Display, reflective 3 ft. (fits RS232)

www.balances.com

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