

VICON Series

Balances and Scales

ACCULAB
sartorius group



Milligram series
with draft ring



Large backlit display



Protective flip down cover



Under pan weighing



Unique design

The new VICON series are ideal balances and scales for Educational, Industrial, Laboratories, Research, Postal, Special Applications and more. Whether weighing multiple samples with totaled results, formulating a color, counting, percent weighing, specific gravity, or under pan weighing, Acculab has the answer in VICON. The new models feature a flip-down protective cover for safe transportation and stackability, integrated cal-weights, stainless steel pan and large back-lit display.

Acculab continues to set the standard in price, performance and features. The VICON series consists of 15 models highlighted by four milligram balances. Uniquely designed, rugged and portable, these new models cover a range from 120 grams to 10 kg with exceptional accuracy.

Superior engineering for better performance and durability

- Ultra-fast microprocessor for enhanced performance and exceptional stability
- All VICON series sensors are robotically manufactured for uniformity and greater durability. Each sensor is computer optimized for maximum performance, providing higher output and unmatched repeatability
- Incomparable overload protection for years of service in all weighing applications
- Amber back-lit display for easy viewing in all ambient conditions

VICON Series

Exceeding Expectations

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Counting program



Integrated calibration weights



Optional RS or USB interface kit



Stackability feature enables safe transport and storage

Unique state-of-the-art features not found in any other scale

- Stackability for convenient safe storage and saves valuable counter space
- Integrated weight chamber, simplifies calibration
- Reverseable weighing pan allows greater flexibility in weighing samples

Product Features and Highlights:

- 15 models (enhanced by four milligram units)
- Protective flip-down and removable plastic cover for shipping protection and allows stackable storage
- Integrated external calibration weights on models 710 gram capacity and below
- Unique durable design for all applications

- Applications include: Counting, Percent Weighing, Totaling, Display Hold, Specific Gravity, Mass unit conversion
- 14 Mass unit conversions (g, oz, lbs, lbs:oz, dwt, ozt, grains, Newton, carats, Tael HK/Taiwan/Singapore/China, user defined)
- Optional RS-232 or USB interface kit (field installable)
- Parts counting with selectable reference sample (1 - 100)
- Included AC adapter (or optional 9 volt battery operation excluding milligram models)
- External "one button" calibration with 3 weight options
- Lock-down capability

Precision balances of the VICON series

Model No.	Capacity	Readability	Repeatability	Pan Size	Calibration Weight	Shipping Weight
VIC-123*	120 g	0.001g	≤± 0.003 g	3.8" dia. / 97 mm	20g, 50g, **100g	5.0 lbs / 2.3 kg
VIC-303*	300 g	0.001g	≤± 0.003 g	3.8" dia. / 97 mm	50g, 100g, **200g	5.0 lbs / 2.3 kg
VIC-2mg*	200 g	0.005g	≤± 0.01 g	3.8" dia. / 97 mm	50g, 100g, **200g	5.0 lbs / 2.4 kg
VIC-4mg*	400 g	0.005g	≤± 0.01 g	3.8" dia. / 97 mm	50g, 100g, **200g	5.0 lbs / 2.4 kg
VIC-212	210 g	0.01 g	≤± 0.02 g	3.8" dia. / 97 mm	50g, 100g, **200g	5.0 lbs / 2.3 kg
VIC-412	410 g	0.01 g	≤± 0.02 g	5.6"x5.1" / 142x130 mm	50g, 100g, **200g	5.3 lbs / 2.4 kg
VIC-612	610 g	0.01 g	≤± 0.02 g	5.6"x5.1" / 142x130 mm	50g, 100g, **200g	5.3 lbs / 2.4 kg
VIC-511	510 g	0.1 g	≤± 0.1 g	5.6"x5.1" / 142x130 mm	50g, **100g, 200g	5.0 lbs / 2.3 kg
VIC-711	710 g	0.1 g	≤± 0.1 g	5.6"x5.1" / 142x130 mm	50g, **100g, 200g	5.3 lbs / 2.4 kg
VIC-1501	1,500 g	0.1 g	≤± 0.1 g	5.6"x5.1" / 142x130 mm	200g, 500g, 1000g	4.8 lbs / 2.2 kg
VIC-3101	3,100 g	0.1 g	≤± 0.1 g	5.6"x5.1" / 142x130 mm	500g, 1000g, 2000g	4.8 lbs / 2.2 kg
VIC-5101	5,100 g	0.1 g	≤± 0.1 g	5.6"x5.1" / 142x130 mm	1kg, 2kg, 5kg	4.8 lbs / 2.2 kg
VIC-4kg	4,100 g	1.0 g	≤± 1.0 g	5.6"x5.1" / 142x130 mm	500g, 1000g, 2000g	4.8 lbs / 2.2 kg
VIC-6kg	6,100 g	1.0 g	≤± 1.0 g	5.6"x5.1" / 142x130 mm	1kg, 2kg, 5kg	4.8 lbs / 2.2 kg
VIC-10kg	10,100 g	1.0 g	≤± 1.0 g	5.6"x5.1" / 142x130 mm	1kg, 2kg, 5kg	4.8 lbs / 2.2 kg

* Round glass draft shield included
** Calibration weights included

Commonly Used Accessories

Model No.	Description
YADAP-RS	Adapter with Cable for RS-232 9 pin comport
YADAP-USB	Adapter with cable for USB comport
LC-1	Lock-Down Cable and Padlock