



sartorius group
 131 Heartland Blvd., Edgewood NY 11717
 Tele: 800-656-4400 / 631-254-4299
www.Acculab.com



VICON Specifications (1g)

Model Number	VIC-4kg	VIC-6kg	VIC-10kg
Capacity	4100g	6100g	10100g
Readability	1g	1g	1g
Linearity	+(-) 1d	+(-) 2d	+(-) 2d
Repeatability	+(-) 1d		
Weighing Modes	Grams, Pounds, Pounds:Ounces, Ounces, Grains, Pennyweights, Newtons, Taiwanese Taels, Hong Kong Taels, Singapore Taels, Chinese Taels, Carats, Troy Ounces, User defined		
Applications	Mass unit conversion, Counting, Percent weighing, Display Hold, Totaling, Specific Gravity		
Tare Range	To capacity by subtraction		
Calibration	500g, 1000g, 2000g	1000g, 2000g, 5kg	1000g, 2000g, 5kg
Stabilization Time (typical)	1.5 seconds		
Overload Protection	Built-in stoppers yield maximum overload protection		
Overload Indication	Displays "oL"		
Underload Indication	Displays "uL"		
Auto Off (menu select)	2, 5 & 10 minutes		
Storage Temperature	14 F to 122F (-10C to 50C)		
Operating Temperature	50F to 86F (10C to 30C)		
Operating Humidity	Less than 95% RH		
Display Type	Backlit "Amber" LCD		
Audio Tone	NO		
Low Battery Indication	Flashing battery symbol		
Power Requirements	12V AC adapter (included) or 9V battery (optional)		
Power Consumption	0.75 Watt (average)		
Pan Size/ Type	5.5" X 5" in (142 X 130 mm) stainless steel pan (reversible)		
Housing Construction	ABS Construction		
Dimensions (WxDxH)	6.8" X 3.15" X 9.8" (includes top cover)		
Net Weight (kg/lbs)	1.3 kg / 2.9 lbs		
Shipping Dimensions/Weight	15" X 12" X 8" inches (385 X 303 X 205 mm) 5.7lbs (2.6kg)		
Master Carton Dimensions	6 Pack 35.75 x 15.5 x 16.75" inches (908 x 393.7 x 425.5 mm) 35 lbs (15.9kg)		
Included Accessories	Flip Down Cover, AC Adapter		
Optional Accessories	USB or RS 232 Interface with Cable, Lock down cable and padlock, Cal. Weights		
Warranty	2 Year Manufacture Warranty		
Others	Built-in lock down bracket		

Foot Notes

Performance specifications measured within optimum temperature range and proper calibration.
 Specifications subject to change without notice.



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VICON Specifications (0.1g)

Model Number	VIC-511	VIC-711	VIC-1501	VIC-3101	VIC-5101
Capacity	510g	710g	1500g	3100g	5100g
Readability	0.1g	0.1g	0.1g	0.1g	0.1g
Linearity	+(-) 2d				
Repeatability	+(-) 1d				
Weighing Modes	Grams, Pounds, Pounds:Ounces, Ounces, Grains, Pennyweights, Newtons, Taiwanese Taels, Hong Kong Taels, Singapore Taels, Chinese Taels, Carats, Troy Ounces, User defined				
Applications	Mass unit conversion, Counting, Percent weighing, Display Hold, Totaling, Specific Gravity				
Tare Range	To capacity by subtraction				
Calibration	50g, 100g, 200g	50g, 100g, 200g	200g, 500g, 1000g	500g, 1000g, 2000g	1000g, 2000g, 5kg
Stabilization Time (typical)	1.5-2 seconds				
Overload Protection	Built-in stoppers yield maximum overload protection				
Overload Indication	Displays "oL"				
Underload Indication	Displays "uL"				
Auto Off (menu select)	2, 5 & 10 minutes				
Storage Temperature	14 F to 122F (-10C to 50C)				
Operating Temperature	50F to 86F (10C to 30C)				
Operating Humidity	Less than 95% RH				
Display Type	Backlit "Amber" LCD				
Audio Tone	NO				
Low Battery Indication	Flashing battery symbol				
Power Requirements	12V AC adapter (included) or 9V battery (optional)				
Power Consumption	0.75 Watt (average)		1 Watt (average)		
Pan Size/ Type	5.5" X 5" in (142 X 130 mm) stainless steel pan (reversible)				
Housing Construction	ABS Construction				
Dimensions (WxDxH)	6.8" X 3.15" X 9.8" (includes top cover)				
Net Weight (kg/lbs)	1.3 kg / 2.9 lbs				
Shipping Dimensions/Weight	15" X 12" X 8" inches (385 X 303 X 205 mm) 5.7lbs (2.6kg)				
Master Carton Dimensions	6 Pack 35.75 x 15.5 x 16.75' inches (908 x 393.7 x 425.5 mm) 35 lbs (15.9kg)				
Included Accessories	Flip Down Cover, AC Adapter, Calibration Weight included w/models 700g and below				
Optional Accessories	USB or RS 232 Interface with Cable, Lock down cable and padlock				
Warranty	2 Year Manufacture Warranty				
Others	Built-in lock down bracket				

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VICON Specifications (0.01g)

Model Number	VIC-212	VIC-412	VIC-612
Capacity	210g	410g	610g
Readability	0.01g	0.01g	0.01g
Linearity	+(-) 3d		
Repeatability	+(-) 2d		
Weighing Modes	Grams, Pounds, Pounds:Ounces, Ounces, Grains, Pennyweights, Newtons, Taiwanese Taels, Hong Kong Taels, Singapore Taels, Chinese Taels, Carats, Troy Ounces, User defined		
Applications	Mass unit conversion, Counting, Percent weighing, Display Hold, Totaling, Specific Gravity		
Tare Range	To capacity by subtraction		
Calibration	50g, 100g, 200g	50g, 100g, 200g	50g, 100g, 200g
Stabilization Time (typical)	2 seconds		
Overload Protection	Built-in stoppers yield maximum overload protection		
Overload Indication	Displays "oL"		
Underload Indication	Displays "uL"		
Auto Off (menu select)	2, 5 & 10 minutes		
Storage Temperature	14 F to 122F (-10C to 50C)		
Operating Temperature	50F to 86F (10C to 30C)		
Operating Humidity	Less than 95% RH		
Display Type	Backlit "Amber" LCD		
Audio Tone	NO		
Low Battery Indication	Flashing battery symbol		
Power Requirements	12V AC adapter (included) or 9V battery (optional)		
Power Consumption	0.75 Watt (average)		
Pan Size/ Type	3.8" in. (97 mm) dia. stainless pan,	5.5" X 5" in (142 X 130 mm) stainless steel pan (reversible)	
Housing Construction	ABS Construction		
Dimensions (WxDxH)	6.8" X 3.15" X 9.8" (includes top cover)		
Net Weight (kg/lbs)	1.3 kg / 2.9 lbs		
Shipping Dimensions/Weight	15" X 12" X 8" inches (385 X 303 X 205 mm) 5.7lbs (2.6kg)		
Master Carton Dimensions	6 Pack 35.75 x 15.5 x 16.75" inches (908 x 393.7 x 425.5 mm) 35 lbs (15.9kg)		
Included Accessories	Flip Down Cover, AC Adapter, Calibration Weights		
Optional Accessories	USB or RS 232 Interface with Cable, Lock down cable and padlock		
Warranty	2 Year Manufacture Warranty		
Others	Built-in lock down bracket		

Foot Notes

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VICON Milligram Specifications

Model Number	VIC-123	VIC-303	VIC-2mg	VIC-4mg
Capacity	120g	300g	200g	400g
Readability	0.001g	0.001g	0.005g	0.005g
Linearity	+(-)4 d		+(-)2 d	
Repeatability	+(-) 3 d		+(-) 2 d	
Weighing Modes	Grams, Pounds, Pounds:Ounces, Ounces, Grains, Pennyweights, Newtons, Taiwanese Taels, Hong Kong Taels, Singapore Taels, Chinese Taels, Carats, Troy Ounces, User defined			
Applications	Mass unit conversion, Counting, Percent weighing, Display Hold, Totaling, Specific Gravity			
Tare Range	To capacity by subtraction			
Calibration	20g, 50g,100g	50g, 100g, 200g	50g, 100g, 200g	50g, 100g, 200g
Stabilization Time (typical)	2.5 seconds			
Overload Protection	Built-in stoppers yield maximum overload protection			
Overload Indication	Displays "oL"			
Underload Indication	Displays "uL"			
Auto Off (menu select)	2, 5 & 10 minutes			
Storage Temperature	14F to 122F (-10C to 50C)			
Operating Temperature	50F to 86F (10C to 30C)			
Operating Humidity	Less than 95% RH			
Display Type	Backlit "Amber" LCD			
Audio Tone	NO			
Low Battery Indication	No battery operation			
Power Requirements	12V AC adapter (included)			
Power Consumption	One Watt (average)			
Pan Size/ Type	3.8" inch (97 mm) diameter pan, stainless steel (reversible)			
Draft Ring (Size)	4.75" (120 mm) diameter glass ring / height: 1" (26 mm)			
Housing Construction	ABS Construction			
Dimensions (WxDxH)	6.8" X 3.7"X 9.8" (includes top cover)			
Net Weight (kg/lbs)	1.3 kg / 2.9 lbs			
Shipping Dimensions/Weight	15" X 12" X 8" inches (385 X 303 X 205 mm) 5.7 lbs (2.6kg)			
Master Carton Dimensions	6 Pack 35.75 x 15.5 x 16.75" inches (908 x 393.7 x 425.5 mm) 35 lbs (15.9kg)			
Included Accessories	Flip Down Cover, Glass Draft Ring, AC Adapter, Calibration Weight/s			
Optional Accessories	USB or RS 232 Interface with Cable, Lock down cable and padlock			
Warranty	2 Year Manufacture Warranty			
Others	Built-in lock down bracket			

Foot Notes

Performance specifications measured within optimum temperature range and proper calibration.
 Specifications subject to change without notice.