



Weighing Technology

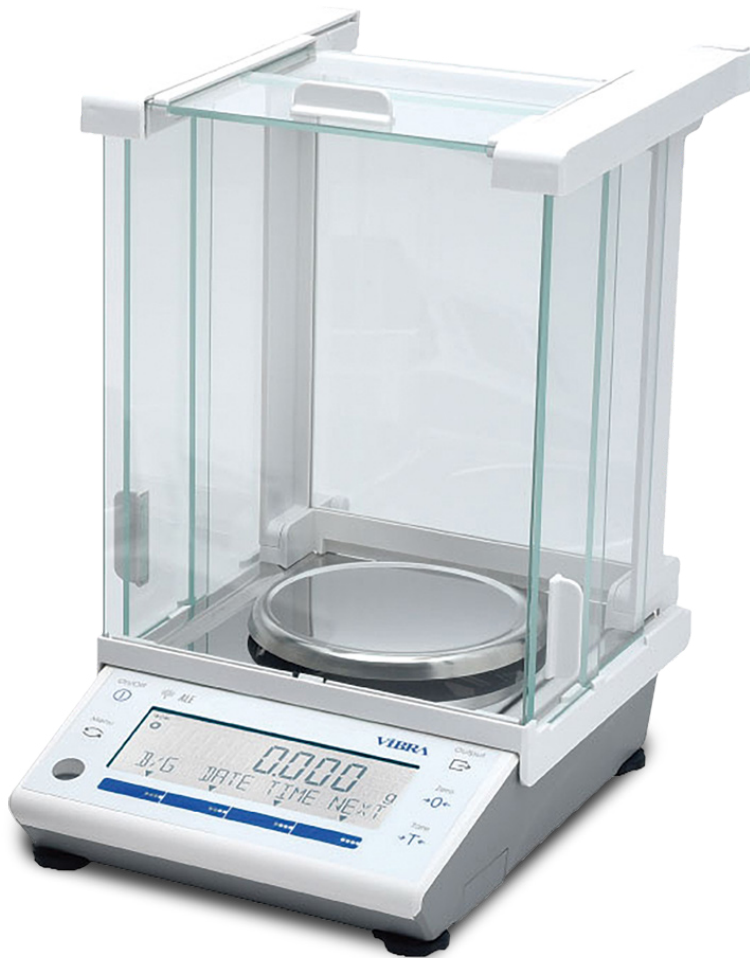
ALE Series

Milligram

220 g x 0.001 g

320 g x 0.001 g

620 g x 0.001 g



Class II

- Class II NTEP to 0.01 g
- Bar Graph Indicator for Capacity Usage
- HI-LO-GO Comparative Function
- Configurable RS232 Interface
- Free Programmable Keys
- Vibra® Tuning Fork Sensor
- In Use Dust Cover



Made in Japan



Weighing Technology

ALE Series

Milligram

A Higher Level of Precision....A Higher Level of Performance

Model	ALE-223	ALE-323	ALE-623
Capacity	220 g	320 g	620 g
Readability	0.001 g, NTEP 0.01 g CLASS II		
Calibration	External Calibration		
Repeatability (Std. Dev.)	± 0.001 g		
Linearity	±0.001 g		
Stabilization Time	≤ 1.6 seconds		
Weighing Units	g, ct, lb, oz t, GN, dwt, mom, mg, oz		
Functions	Specific Gravity, Parts Counting (NTEP for Pill Counting only), %, Density, Checkweighing (Limit Function), Animal Weighing, GLP Compliant Formulation, Statistics, Accumulation, Below Balance Weighing		
Tare Range	To Capacity by 100% Subtraction		
Power Source	Input: AC/DC Adapter, 100 – 240 VAC, 50 – 60 Hz, Output: 6 VDC, Dry Cell Batteries (4 x AA, Not Included)		
Construction	Die cast aluminum Base, ABS housing, Stainless Steel Platter, Anti-Static Glass Draft Shield		
Display	Large, easy to read 5/8" (16 mm) Graphic LCD Display w/ Backlight & Icons		
Pan Size	118 mm, 4.65" diameter		
Draft Shield Internal Dimensions	5.9" x 5.9" x 7.87" / 150 mm x 150 mm x 200 mm		
Overall Dimensions	7" x 9" x 3" / 180 mm x 230 mm x 75 mm (Not including Draft Shield)		
Operating Environment	"41 °F to 95 °F / 5 °C to 35 °C Temperature Fluctuation ≤ 2 °C / hour Humidity 50% to 85% RH"		
Connectivity	USB Type B / DB-9 RS232 BI-Directional Interface		
Net Weight	2.86 lb / 1.3 kg		
Shipping Weight	6.5 lb / 2.94 kg		
Options	Ethernet or Relay Contact (only one option per unit), Specific Gravity Measurement Kit, Underweighing Hook, Carrying Case		
Approvals	NTEP C.o.C. #17-061A1		

Features	Benefits
Easy Calibration	Calibration is simple, ensuring that the balance will be calibrated often during use
Dedicated Print Button (output)	Easy data transfer to printer or computer
Large Stainless Steel Pan	Allows for easy weighing of large objects
Spill Ring	Protects against damage to electronic components
Adjustable Bright, Backlit LCD Display	Easy to read in all lighting conditions including bright sunlight
Multiple Weighing Units	Allows flexibility of weighing
In Use Dust Cover	Protects balance against spillage & contamination
4 Leveling Feet for Adjustment	The balance remains level for accurate results even on uneven work- ing surfaces
Configurable RS232 Interface & USB	Allows communication w/ peripheral data collection & printing instruments
Free Keys	Allows often used applications to be "one key" accessible
Dry Cell Battery Power	Allows for portability