

ALC Series

Analytical and Precision Balances

Capacity: 80g-6100g Readability: 0.0001g-0.1g

Acculab



Analytical series with glass chamber

Precision series with round stainless steel pan

STANDARD FEATURES

- Advanced microprocessor for accurate weighing results
- Digital filtering and fast stabilization
- Large Liquid Crystal Display (LCD)
- Stainless steel weighing platform
- RS-232 bidirectional interface for connection to computer or printer
- Lock-down capability
- Four selectable application programs
- 20 different weighing modes
- Simple "one button" external calibration
- Piece counting (5, 10, 20, 50, 100 selectable reference sampling)
- Percent weighing for solids, moisture loss, formulation, quality control
- Averaging for unstable ambient conditions
- Net totaling for formulation
- User selectable two-unit toggling

SPECIFICATIONS

	ALC-80.4^	ALC-110.4^	ALC-210.4^	ALC-320.3^	ALC-150.3^	ALC-810.2^
Part Number	92700	92701	92702	92703	92704	92705
List Price	Consult	Consult	Consult	Consult	Consult	Consult
Capacity (g)	80g	110g	210g	320g	150g	810g
Resolution (g)	0.1mg	0.1mg	0.1mg	0.001g	0.001g	0.01g
Weighing Modes	Grams, Pounds, Pounds:Ounces, Ounces, Grains, Parts per pound, Milligrams, Carats, Pennyweight, Troy ounces, Taiwanese Taels, Hong Kong Taels, Singapore Taels, Chinese Taels, Mommies, Austrian Carats, Tola, Baht, Mesghal					
Operating Modes	Counting, Percent weighing, Unit Toggle, Averaging					
Repeatability (g)	+/- 0.0001g			+/- 0.001g		+/- 0.01g
Linearity (g)	+/- 0.0003g			+/- 0.002g		+/- 0.02g
Stabilization Time	2.5 seconds			2 seconds		2 seconds
Operating Temperature	50F to 86F (10C to 30C)					
Weighing Chamber	147mm x 178mm x 200mm 5.7in x 7in x 7.8in			55mm (2.16") Height, 140mm (5.5") dia.		No Weighing Chamber
Pan size	3.14 in			3.95in		4.6in
Dimensions	200 x 270 x 300 mm (7.9 x 10.6 x 11.8 in.)			200 x 270 x 172 mm (7.9 x 10.6 x 4.72 in.)		200 x 270 x 75 mm (7.9 x 10.6 x 2.9 in.)
Est. Ship Weight (lb)	10.8lb			5.3lb		6.4lb
Calibration Weight (g)	50g (E2)	100g (E2)	200g (E2)	200g (F1)	100g (F1)	500g (F1)
Power	120VAC adapter (230V by special order) +15% to 20%, 60Hz					
Warranty	Two-year limited warranty					

[^] Weighing Chamber

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Options/Accessories

PART #	MODEL #	DESCRIPTION	PRICE
50233	6971947	120 V adapter (AL series only)	Consult factory
70518	6971948	220 V adapter	Consult factory
93388	LAT-CAB	25 PIN to 9 PIN cable (RS)	Consult factory
51751	LC-1	Lock down case and padlock	Consult factory
36803	AC-1	AC adaptor, 120 VAC	Consult factory

SPECIFICATIONS

	ALC-1100.2^	ALC-2100.2^	ALC-3100.2^	ALC-2100.1^	ALC-4100.1^	ALC-6100.1^
Part Number	92706	92707	92708	92709	92710	92711
List Price	Consult	Consult	Consult	Consult	Consult	Consult
Capacity (g)	1100g	2100g	3100g	2100g	4100g	6100g
Resolution (g)	0.01g	0.01g	0.01g	0.1g	0.1	0.1
Weighing Modes	Grams, Pounds, Pounds:Ounces, Ounces, Grains, Parts per pound, Milligrams, Carats, Pennyweight, Troy ounces, Taiwanese Taels, Hong Kong Taels, Singapore Taels, Chinese Taels, Mommies, Austrian Carats, Tola, Baht, Mesghal					
Operating Modes	Counting, Percent weighing, Unit Toggle, Averaging					
Repeatability (g)	+/- 0.015g	+/- 0.01g		+/- 0.1g		
Linearity (g)	+/- 0.02g			+/- 0.2g		
Stabilization Time	2 seconds			1.5 Seconds		
Operating Temperature	50F to 86F (10C to 30C)					
Weighing Chamber	No Weighing Chamber					
Pan size	5.9in					
Dimensions	200 x 270 x 75 mm (7.9 x 10.6 x 2.9 in.)					
Est. Ship Weight (lb)	6.4lb					
Calibration Weight (g)	1000g (F1)	2000g (F1)	2000g (F1)	1000g (F2)	2000g (F2)	5000g (F2)
Power	120VAC adapter (230V by special order) +15% to 20%, 60hZ					
Warranty	Two-year limited warranty					

[^] Weighing Chamber