

Acculab® ALC Series

Analytical and Precision Balances



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 LCD display
- 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

REPRODUCIBILITY:

0.0001g: ALC-80.4, ALC-110.4, ALC-210.4
 0.001g: ALC-320.3, ALC-150.3
 0.015g: ALC-810.2, ALC-1100.2
 0.01g: ALC-2100.2, ALC-3100.2
 0.1g: ALC-2100.1, ALC-4100.1, ALC-6100.1

LINEARITY:

0.0002g: ALC-80.4, ALC-110.4, ALC-210.4
 0.002g: ALC-150.3
 0.02g: ALC-810.2, ALC-2100.2, ALC-3100.2
 0.2g: ALC-2100.1, ALC-4100.1, ALC-6100.1
 0.03g: ALC-1100.2

CORNER LOAD:

0.0003g: ALC-80.4
 0.0004g: ALC-110.4, ALC-210.4
 0.004g: ALC-320.3
 0.003g: ALC-150.3
 0.04g: ALC-810.2, ALC-1100.2, ALC-2100.2, ALC-3100.2
 0.4g: ALC-2100.1, ALC-4100.1, ALC-6100.1

POWER REQUIREMENTS:

AC adapter, 115V or 230V, +15%-20%, 60hz

SENSITIVITY DRIFT (\pm/K):

3x10-6: ALC-80.4, ALC-11.4, ALC-210.4, ALC-2100.2, ALC-3100.2
 5x10-6: ALC-320.3, ALC-150.3, ALC-810.2, ALC-1100.2
 2x10-5: ALC-2100.1
 1x10-5: ALC-4100.1
 0.5x10-5: ALC-6100.1

DIMENSIONS (W x D x H):

ALC-80.4, ALC-110.4, ALC-210.4, ALC-320.3, ALC-150.3: 200 x 270 x 120
 ALC-810.2, ALC-1100.2, ALC-2100.2, ALC-3100.2, ALC-2100.1, ALC-4100.1, ALC-6100.1: 200 x 270 x 75

WARRANTY:

Two-year limited warranty

PART #	ACCULAB MODEL #	CAPACITY	CALIBRATION WEIGHT	EST. SHIP WEIGHT
92700.....	ALC-80.4.....	80g x 0.1mg.....	50g (E2).....	10.8lb.....
92701.....	ALC-110.4.....	110g x 0.1mg.....	100g (E2).....	10.8lb.....
92702.....	ALC-210.4.....	210g x 0.1mg.....	200g (E2).....	11.4lb.....
92703.....	ALC-320.3.....	320g x 0.001g.....	200g (F1).....	7.3lb.....
92704.....	ALC-150.3.....	150g x 0.001g.....	100g (F1).....	6.2lb.....
92705.....	ALC-810.2.....	810g x 0.01g.....	500g (F1).....	5.3lb.....
92706.....	ALC-1100.2.....	1,100g x 0.01g.....	1000g (F1).....	5.3lb.....
92707.....	ALC-2100.2.....	2,100g x 0.01g.....	2000g (F1).....	6.4lb.....
92708.....	ALC-3100.2.....	3,100g x 0.01g.....	2000g (F1).....	6.4lb.....
92709.....	ALC-2100.1.....	2,100g x 0.1g.....	1000g (F2).....	5.3lb.....
92710.....	ALC-4100.1.....	4,100g x 0.1g.....	2000g (F2).....	5.3lb.....
92711.....	ALC-6100.1.....	6,100g x 0.1g.....	5000g (F2).....	5.3lb.....

OPTIONS/ACCESSORIES

50233.....	6971947.....	120V adapter (AL series only).....
70518.....	6971948.....	220V adapter.....
93388.....	LAT-CAB.....	25 PIN to 9 PIN cable (RS).....
51751.....	LC-1.....	Lockdown case and padlock.....
36803.....	AC-1.....	AC adaptor, 120VAC.....