

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 bi-directional 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

CAPACITY:

ALC-80.4: 80g
 ALC-110.4: 110g
 ALC-210.4: 210g
 ALC-320.3: 320g
 ALC-150.3: 150g
 ALC-810.2: 810g
 ALC-1100.2: 1,100g
 ALC-2100.2: 2,100g
 ALC-3100.2: 3,100g
 ALC-2100.1: 2,100g
 ALC-4100.1: 4,100g
 ALC-6100.1: 6,100g

READABILITY:

0.0001g: ALC-80.4, ALC-110.4, ALC-210.4
 0.001g: ALC-320.3, ALC-150.3
 0.01g: ALC-810.2, ALC1100.2
 0.01g: ALC-2100.2, ALC-3100.2
 0.1g: ALC-2100.1, ALC-4100.1, ALC-6100.1

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, ALC1100.2
 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

CALIBRATION WEIGHT:

ALC-80.4-50 (E2)
 ALC-110.4-100 (E2)
 ALC-210.4-200 (E2)
 ALC-320.3-200 (F1)
 ALC-150.3-100 (F1)
 ALC-810.2-500 (F1)
 ALC-1100.2-1000 (F1)
 ALC-2100.2-2000 (F1)
 ALC-3100.2-2000 (F1)
 ALC-2100.1-1000 (F2)
 ALC-4100.1-2000 (F2)
 ALC-6100.1-5000 (F2)

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 (\pmK):

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

PAN SIZE MM (INCHES):

ALC-80.4, ALC-110.4, ALC-210.4: 80mm (3.3") dia
 ALC-320.3, ALC-150.3: 100 mm
 ALC-810.2, ALC-1100.2, ALC-2100.2, ALC-3100.2, ALC-2100.1, ALC-4100.1, ALC-6100.1: 150mm (6") dia

DIMENSIONS (WXDXH):

ALC-80.4, ALC-110.4, ALC-210.4, ALC-320.3, ALC-150.3 200 x 270 x 120: 200 x 270 x 300
 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

ALC Series

PART #	ACCULAB® MODEL #	CAPACITY	EST. SHIP WEIGHT	PRICE
92700	ALC-80.4	80 g x 0.1 mg	10.8 lb	\$1,365.00
92701	ALC-110.4	110 g x 0.1 mg	10.8 lb	1,495.00
92702	ALC-210.4	210g x 0.1 mg	11.4 lb	1,695.00
92703	ALC-320.3	320 g x 0.001 g	7.3 lb	1,055.00
92704	ALC-150.3	150 g x 0.001 g	6.2 lb	875.00
92705	ALC-810.2	810 g x 0.01 g	5.3 lb	825.00
92706	ALC-1100.2	1,100 g x 0.01 g	5.3 lb	875.00
92707	ALC-2100.2	2,100 g x 0.01 g	6.4 lb	955.00
92708	ALC-3100.2	3,100 g x 0.01 g	6.4 lb	1,055.00
92709	ALC-2100.1	2,100 g x 0.1 g	5.3 lb	670.00
92710	ALC-4100.1	4,100 g x 0.1 g	5.3 lb	715.00
92711	ALC-6100.1	6,100 g x 0.1 g	5.3 lb	770.00
Options/Accessories				
50233	6971947	120 V adapter (AL series only)		30.00
70518	6971948	220 V adapter		30.00
93388	LAT-CAB	25 PIN to 9 PIN cable (RS)		35.00
51751	LC-1	Lockdown case and padlock		15.00
36803	AC-1	AC adaptor, 120 VAC		17.00

Please refer to our High Precision Industrial Weighing Section in this catalog for exciting new choices and capabilities.

And don't forget to reference our full color Precision Catalog for additional solutions such as test weights, calibration services, static solutions, liquid handling, electrochemistry and more!