Sartorius® LA Reference Series — Toploading Balances

STANDARD FEATURES

- isoCAL calibration
- Reprotest
- IP54 rating
- RS-232 full-duplex interface
- GLP/GMP printout protocol
- Configured print out
- Backlit Liquid Crystal Display (LCD)*
- Number and alpha keys
- Below balance weighing**
- Applications on board: counting, checkweighing, percent, unit toggle, preset tare, animal weighing, net total, formulation, statistics, calculations, timer, differential weighing, density determination, memory (300)

* Cable length from balance to display is 1.8 ft for balances with capacities ≤ 12 kg and 2.6 ft for all others

**Below balance weighing is a standard feature on models with capacities ≤ 12 kg. For all other capacities, accessory PN 83243 is required

SPECIFICATIONS

CAPACITY:
LA2000P: 1010 | 2,000 g
LA5200D: 1010 | 5,200 g
LA220S: 220 g
LA620S: 620 g
LA1200S: 1200 g
LA620P: 120/240/620 g
LA3200D: 1,000/3,200 g
LA420: 420 g
LA820: 820 g
LA2200S: 2200 g
LA4200S: 4200 g
LA6200S: 6200 g
LA8200S: 8200 g
LA2200P: 400/800/2,200 g
LA8200P: 2,000/4,000/8,200 g
LA5200P: 1,200/2,400/3,600/5,200 g
LA2200: 2,200 g
LA4200: 4,200 g
LA6200: 6,200 g
LA12000S: 12,000 g
LA16001S: 16,000 g
LA12000P: 3,000/6,000/12,000 g
LA64001S: 64,000 g
LA34001S: 34,000 g
LA34000: 34,000 g
LA34001P: 8,000/16,000/34,000 g

READABILITY:
LA2000P, LA5200D: 1 | 10 mg
LA220S, LA620S, LA1200S: 0.001 g
LA620P: 0.001/0.002/0.005 g
LA3200D: 0.001/0.01 g
LA420, LA820, LA2200S, LA4200S, LA6200S, LA8200S : 0.01 g
LA2200P, LA8200P: 0.01/0.02/0.05 g
LA5200P: 0.01/0.02/0.05/0.1 g
LA2200, LA4200, LA6200, LA12000S, LA16001S, LA64001S, LA34001S: 0.01 g
LA12000P: 0.1/0.2/0.5 g
LA34000: 1 g
LA34001P: 0.1/0.2/0.5 g

REPEATABILITY:
LA2000P. LA5200D: ±1 | 10
LA220S, LA620S, LA1200S: ± 0.001 g
LA620P: ±0.001/0.002/0.005 g
LA3200D: ±0.001/0.01 g
LA420, LA820, LA2200S, LA4200S, LA6200S, LA8200S, : ±0.01 g
LA2200P, LA8200P: ±0.01/0.01/0.03 g
LA5200P: ±0.01/0.02/0.05/0.05 g
LA2200, LA4200, LA6200, LA12000S, LA16001S: ±0.05 g
LA12000P: ±0.1/0.2/0.3 g
LA64001S, LA34001S: 0.1 g
LA34000: ±0.5 g
LA34001P: ±0.05/0.05/0.1 g

LINEARITY:
LA2000P, LA5200D: ±2 | 10
LA220S, LA620S, LA1200S: ±0.002 g
LA620P: ±0.001/0.002/0.005 g
LA3200D: ±0.002/0.01 g
LA420, LA820: ±0.01 g
LA2200P, LA8200P: ±0.02/0.02/0.05 g
LA2200S, LA4200S, LA6200S, LA8200S: ±0.02 g
LA5200P: ±0.02/0.02/0.05/0.1 g
LA2200, LA4200, LA6200, LA12000S: ±0.1 g
LA12000P: ±0.1/0.1/0.5 g
LA16001S, LA34001P: ±0.2 g
LA34001S: ±0.2 g
LA64001S: ±0.5 g
LA34000: ±0.5 g
LA64001S: ±0.5 g

STABILIZATION TIME:
1.5 seconds
LA16001S, LA34000: ≤ 1 second

CALIBRATION WEIGHT:
LA220S, LA420: 200 g
LA620P, LA620S, LA820: 500 g
LA1200S, LA3200D: 1000 g
LA2200P, LA2200S, LA4200S, LA5200P, LA2200, LA4200, LA6200: 2000 g
LA6200S, LA8200S, LA8200P, LA12000P, LA12000S: 5000 g
LA16001S, LA34001S, LA34001P, LA64001S, LA3400: 10,000 g

SENSITIVITY DRIFT (+10 ... +30˚C):
2 10-6 except:
LA64001S: 3 10-6
LA12000S, LA6200, LA4200, LA2200, LA12000P: 4 10-6

PAN SIZE:
LA2000P, LA5200D, LA220S, LA620P, LA620S, LA1200S, LA3200D: 5.1 in (130 mm) diameter
LA420, LA820, LA2200P, LA2200S, LA4200S, LA5200P, LA6200S, LA8200S, LA8200P, LA2200, LA4200, LA6200, LA12000P, LA12000S: 8.6 in x 7.9 in (218 x 200 mm)
LA16001S, LA34001S, LA34001P, LA64001S, LA34000: 15.7 in x 11.8 in (400 x 300 mm)

WARRANTY:
Three-year limited warranty