

Luna LPB/LTB/LBB Precision Balances



Featuring a wide selection of capacities and readabilities, Luna precision balances can meet the diverse weighing needs in a variety of labs. The Luna range offers improved performance for faster, more accurate readings. Luna combines durability and performance in a stylish design, with an LCD that delivers results in large 24mm digits in white on a black background. Suitable for international use, Luna provides a useful multilingual text and display capability. RS-232 and USB connections allow speedy connection with computers and printers to transmit results. Designed to tolerate demanding lab tasks, Luna is constructed with easy-to-clean ABS plastic construction and a durable grade 304 stainless steel pan.

Durability and elegance with precision and performance



Features

- Vivid, backlit LCD easily visible in any lighting conditions
- Color-coded keys facilitate quick recognition of the most frequently used buttons
- Level indicator and adjustable feet ensure proper balance setup for optimum weighing results
- Security slot for optional lock and cable to help prevent theft
- Large, grade 304 stainless steel pan allows swift cleaning
- Sealed keypad protects against dirt and spills
- USB and RS-232 interfaces provide speedy communication with computers and printers
- External calibration allows for verification and adjustment with weights
- Multilingual display permits use in various regions
- Parts counting with preset sample sizes
- Printouts include date and time for data tracking within Good Laboratory Practices (GLP) guidelines
- Selectable digital filtering for animal/dynamic weighing enables consistent results for moving subjects
- Auto power-off to save energy
- AC adapter included

Applications

- Weighing
- Parts counting
- Percentage weighing
- Dynamic / animal weighing
- Density determination
- Checkweighing
- Net total weighing

About ADAM:

For more than 50 years, professionals worldwide have relied on Adam Equipment for an extensive selection of dependable and affordable weighing equipment. Adam provides the right balance of speed, performance and value.

Product Details

Model	LPB 223e	LPB 423e	LPB 623e	LPB 823e	LPB 223i	LPB 423i	LPB 623i	LPB 823i	LTB 2602e	LTB 3602e	LTB 4602e	LTB 6002e	LTB 2602i	LTB 3602i	LTB 4602i	LTB 6002i	LBB 6001e	LBB 8001e	LBB 12001e	LBB 15001e
Capacity	220g	420g	620g	820g	220g	420g	620g	820g	2600g	3600g	4600g	6000g	2600g	3600g	4600g	6000g	6000g	8000g	12000g	15000g
Readability	0.001g	0.001g	0.001g	0.001g	0.001g	0.001g	0.001g	0.001g	0.01g	0.01g	0.01g	0.01g	0.01g	0.01g	0.01g	0.01g	0.1g	0.1g	0.1g	0.1g
Repeatability (S.D.)	0.0006g	0.001g	0.002g	0.001g	0.0006g	0.001g	0.002g	0.001g	0.01g	0.01g	0.01g	0.01g	0.01g	0.01g	0.01g	0.01g	0.2g	0.05g	0.05g	0.05g
Linearity (+/-)	0.003g	0.004g	0.002g	0.002g	0.003g	0.004g	0.002g	0.002g	0.03g	0.03g	0.03g	0.03g	0.03g	0.03g	0.03g	0.03g	0.3g	0.2g	0.2g	0.2g
Pan Size	120mm ø								185 x 185mm											
Weighing Units	mg, g, ct, GN, dr, ozt, dwt, mm, tl.T, tl.H, tl.S, T, custom unit								g, kg, ct, GN, N, dr, lb, oz, lb.oz, ozt, dwt, tl.T, tl.H, tl.S, T, custom unit								g, kg, ct, GN, N, dr, lb, oz, lb.oz, ozt, dwt, tl.T, tl.H, tl.S, T, custom unit			
Stabilisation Time (sec)	3	4	2	2	3	4	2	2	3	3	2	3	3	3	1	3	3	2	2	2
Interface	RS-232, USB																			
Calibration	External				Internal automatic, External				External				Internal automatic, External				External			
Display	Backlit LCD with 24mm high digits																			
Power Supply	18VDC 830mA adapter																			
Operating Temperature	15° to 35°C																			
Housing	ABS plastic																			
Draught Shield	Chamber 192 x 195 x 115mm								N/A											
Overall Dimensions (WxDxH)	224 x 374 x 219mm									224 x 374 x 95mm										
Net Weight	4.1kg	5.9kg	4.5kg	6.3kg	4.5kg	5.9kg	4.5kg	6.3kg	4.5kg	5.9kg	4.5kg	5.9kg	4.5kg	5.9kg	4.5kg	5.9kg	4.5kg	4.5kg	4.5kg	4.5kg

Accessories

Item Number.....Description

- 104008036..... AVT Anti-Vibration Table
- 1060015357..... Density Determination Kit (LPB)
- 3021210953..... Weigh-below Hook
- 3014016565 USB cable
- 3012014260..... In-use cover (LPB)
- 3012014259..... In-use cover (LTB/LBB)
- 1129915779..... ATP2 Thermal Printer
- 3014011014..... RS-232 cable M-F
- 700100046 Coded lock and cable
- 600002028..... AdamDU Data Collection Program
- 700660290..... Calibration certificate
- 700100410..... ABI-1 Ioniser
- 700100026..... OIML E2 — 1mg - 200g Calibration Weight Set
- 700100207..... OIML E2 — 1g - 200g Calibration Weight Set
- 700100028..... OIML F1 — 1mg - 200g Calibration Weight Set
- 700100011..... OIML F1 — 1mg - 500g Calibration Weight Set
- 700100027..... OIML F1 — 1g - 100g Calibration Weight Set

Key Accessories



AVT Anti-Vibration Table

Adam's AVT allows balances to perform with precision despite air currents and vibrations. The balance fits in the middle of the AVT's granite surface, stabilizing the base and enabling greater precision.



Security Cable Lock

The security lock and cable fits the built-in lock attachment on balances and scales, and loops around an object to secure your balance in place. The flexible steel cable is difficult to cut, and the combination lock allows users to choose a combination number for added security.



AdamDU Data Collection Program

Adam DU quickly collects information from up to eight Adam balances simultaneously. An easy-to-use interface with a main command window allows the user to view and manage data capture sessions.