Luna Analytical Balances

ADAM®

Luna analytical balances are designed with an array of features and functions to accommodate most lab applications. The Luna range offers improved performance for faster, more accurate readings. With stylish, modern backlighting, Luna's impressive display gives an aura of smart sophistication. The LCD features large, readily discernible 24mm digits in white on a black background. Multilingual text and display capability make Luna well-suited for users in various regions. For simple operation, navigation buttons are color-coded, helping users perform functions with minimal training. Luna provides USB and RS-232 interfaces to facilitate data collection and transmission to computers or printers. ABS plastic construction and rugged grade 304 stainless steel pan mean Luna is easy to clean and can withstand demanding lab use. Available in four models with capacities up to 250g, Luna offers a readability of 0.0001g and can perform basic and detailed measuring tasks.

Performance and style for an impressive weighing experience

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 Kensington-type 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 45 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.

Luna Analytical Balances

Model	LAB 84e	LAB 124e	LAB 214e	LAB 254e	LAB 84i	LAB 124i	LAB 214i	LAB 254i
Capacity	80g	120g	210g	250g	80g	120g	210g	250g
Readability	0.0001g	0.0001g	0.0001g	0.0001g	0.0001g	0.0001g	0.0001g	0.0001g
Repeatability (S.D.)	0.0002g	0.0002g	0.0002g	0.0002g	0.0002g	0.0002g	0.0002g	0.0002g
Linearity (+/-)	0.0003g	0.0003g	0.0003g	0.0003g	0.0003g	0.0003g	0.0003g	0.0003g
Pan Size	3.1" ø / 80mm ø							
Weighing Units	mg, g, ct, GN, N, dr, oz, ozt, dwt, mm, tl.T, tl.H, tl.S, T, custom unit							
Stabilization Time (sec)	2							
Interface	RS-232, USB							
Calibration	External calibration				Internal automatic calibration / External calibration			
Display	Backlit LCD with 0.9"/ 24mm -high digits							
Power Supply	18VDC 830mA adapter							
Operating Temperature	15° to 35°C / 59° to 95°F							
Housing	ABS plastic							
Draft Shield	Chamber 7.6"x7.7"x9.1" / 192x195x230mm							
Overall Dim.	8.8"x14.7"x13.3" / 224x374x338mm (wxdxh)							
Net Weight	12.8lb / 5.8kg				13.7lb / 6.2kg			

Accessories

Item number	Description
104008036	Anti-vibration table
3012014259	In-use wet cover
3074010267	USB cable
3014011014	RS-232 cable M-F
700100410	ABI-1 Ionizer
1120014641	AIP impact printer
1120011156	ATP thermal printer
700100046	Kensington-type lock and cable
600002028	AdamDU Data Collection Program
700660290	Calibration certificate

Key Accessories

AIP impact printer
Easy to use, the AIP high-speed dot matrix printer connects with any device containing an RS-232 or USB interface. Communication is smooth and fast, as the AIP automatically detects a scale's settings. AIP features durable ABS plastic construction and is simple to use, as it operates with just an on/off switch and a paper feed button.

ATP thermal printer
Easy-to-use features combined with quick set-up equals a truly versatile thermal printer. A single push-button feed key and three easy-to-read LED indicators make operation simple.

Supplied by

Fox Scientific, Inc.
8221 East FM 917 • Alvarado, TX 76009
Phone: (800)369-5524 • Fax: (817)783-3571
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www.adamequipment.com

Luna 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 Kensington-type 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
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Luna Precision Balances

ADAM®

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
Read-ability	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
Repeat-ability (S.D.)	0.002g	0.002g	0.002g	0.002g	0.002g	0.002g	0.002g	0.002g	0.02g	0.02g	0.02g	0.02g	0.02g	0.02g	0.02g	0.02g	0.2g	0.2g	0.2g	0.2g
Linearity (+/-)	0.003g	0.003g	0.003g	0.003g	0.003g	0.003g	0.003g	0.003g	0.03g	0.03g	0.03g	0.03g	0.03g	0.03g	0.03g	0.03g	0.3g	0.3g	0.3g	0.3g
Pan Size	4.7" ø / 120mm ø								7.3"x7.3" / 185x185mm											
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			
Stabilization Time (sec)	2																			
Interface	RS-232, USB																			
Calibration	External calibration				Internal automatic calibration / External calibration				External calibration				Internal automatic calibration / External calibration				External calibration			
Display	Backlit LCD with 0.9"/ 24mm -high digits																			
Power Supply	18VDC 830mA adapter																			
Operating Temperature	15° to 35°C / 59° to 95°F																			
Housing	ABS plastic																			
Draft Shield	Chamber 7.6"x7.7"x4.5" / 192x195x115mm								N/A											
Overall Dim.	8.8"x14.7"x8.6" / 224x374x219mm (wxdxh)								8.8"x14.7"x3.7" / 224x374x95mm (wxdxh)											
Net Weight	9lb / 4.1kg		13lb / 5.9kg		9.9lb / 4.5kg		13.9lb / 6.3kg		9.9lb / 4.5kg				13lb / 5.9kg				9.9lb / 4.5kg			

Accessories

Item number	Description
3012014260	In-use wet cover
3074010267	USB cable
3014011014	RS-232 cable M-F
1120014641	AIP impact printer
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