



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
- Colour-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 easy 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 allows use in many different countries
- 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.

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| 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.)     | 0.002g                                                            | 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                 | 120mm ø                                                           |          |          |          |                                                       |          |          |          | 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 |           |            |            |
| Stabilisation 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 24mm -high digits                                |          |          |          |                                                       |          |          |          |                                                                                 |           |           |           |                                                       |           |           |           |                                                                                 |           |            |            |
| Power Supply             | 18VDC 50/60Hz 830mA adapter                                       |          |          |          |                                                       |          |          |          |                                                                                 |           |           |           |                                                       |           |           |           |                                                                                 |           |            |            |
| Operating Temperature    | 15° to 35°C                                                       |          |          |          |                                                       |          |          |          |                                                                                 |           |           |           |                                                       |           |           |           |                                                                                 |           |            |            |
| Housing                  | ABS plastic                                                       |          |          |          |                                                       |          |          |          |                                                                                 |           |           |           |                                                       |           |           |           |                                                                                 |           |            |            |
| Draught Shield           | Chamber 192x195x115mm                                             |          |          |          |                                                       |          |          |          | N/A                                                                             |           |           |           |                                                       |           |           |           |                                                                                 |           |            |            |
| Overall Dim.             | 224x374x219mm (wxdxh)                                             |          |          |          |                                                       |          |          |          | 224x374x95mm (wxdxh)                                                            |           |           |           |                                                       |           |           |           |                                                                                 |           |            |            |
| Net Weight               | 4.1kg                                                             |          | 5.9kg    |          | 4.5kg                                                 |          | 6.3kg    |          | 4.5kg                                                                           |           |           |           | 5.9kg                                                 |           |           |           | 4.5kg                                                                           |           |            |            |

## Accessories

| Item number | Description                              |
|-------------|------------------------------------------|
| 3074010267  | .....USB cable                           |
| 3012014260  | .....In-use cover                        |
| 1120011156  | .....ATP thermal printer                 |
| 3014011014  | .....RS-232 cable M-F                    |
| 700100046   | .....Kensington-type lock and cable      |
| 600002028   | .....AdamDU Data Collection Program      |
| 700660290   | .....Calibration certificate             |
| 1120014641  | .....AIP impact printer                  |
| 700100049   | .....F1 1g - 200g calibration weight set |
| 700100042   | .....F1 1g - 500g calibration weight set |
| 700100027   | .....F1 1g - 100g calibration weight set |
| 700100070   | .....F1 1g - 2kg calibration weight set  |
| 700100008   | .....F1 500g calibration weight          |
| 700100007   | .....F1 100g calibration weight          |
| 700100009   | .....F1 1kg calibration weight           |
| 700100012   | .....F1 200g calibration weight          |
| 700100010   | .....F1 2kg calibration weight           |
| 700100013   | .....F1 5kg calibration weight           |
| 700100014   | .....F1 50g calibration weight           |

## 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.