



With a high-resolution graphic display and intuitive features, Solis analytical balances provide an outstanding solution for a variety of lab applications. Versatile and resilient, the Solis is ideal for research and quality assurance labs; science education; precision counting; and production and manufacturing applications needing precision results. The Solis keypad is simple to use, with easy-to-read buttons and helpful navigation arrows for uncomplicated operation.

## Superb performance and simple operation for demanding laboratories



### Features

- High-resolution graphic display is amply sized for clear visibility
- 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
- RS-232 interface is available to provide speedy connection to computers and printers
- External calibration allows for verification and adjustment with weights
- Selectable digital filtering helps minimise effects of vibration and disturbances
- Printouts include date and time for data tracking within Good Laboratory Practices (GLP) guidelines
- Multilingual display allows use in many different countries
- Checkweighing with audible alarm
- Parts counting with preset sample sizes
- AC adapter included

### Applications

- Weighing
- Parts counting
- Percentage weighing
- Checkweighing
- Dynamic / animal weighing
- Density determination
- Formulation
- Peak hold

#### 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.

| Model                                | SAB 125i  | SAB 225i      | SAB 124e | SAB 224e             | SAB 314e | SAB 124i | SAB 224i                       | SAB 314i | SAB 414i | SAB 514i |
|--------------------------------------|---|---------------|----------|----------------------|----------|----------|--------------------------------|----------|----------|----------|
| <b>Capacity</b>                      | 62g / 120g  | 82g / 220g    | 120g     | 220g                 | 310g     | 120g     | 220g                           | 310g     | 410g     | 510g     |
| <b>Readability</b>                   | 0.01mg/ 0.1mg   | 0.01mg/ 0.1mg | 0.0001g  | 0.0001g              | 0.0001g  | 0.0001g  | 0.0001g                        | 0.0001g  | 0.0001g  | 0.0001g  |
| <b>Repeatability (S.D.)</b>          | 0.02mg/ 0.1mg   | 0.02mg/ 0.1mg | 0.0002g  | 0.0002g              | 0.0002g  | 0.0002g  | 0.0002g                        | 0.0002g  | 0.0002g  | 0.0002g  |
| <b>Linearity (+/-)</b>               | 0.1mg / 0.2mg   | 0.1mg / 0.2mg | 0.0003g  | 0.0003g              | 0.0003g  | 0.0003g  | 0.0003g                        | 0.0003g  | 0.0003g  | 0.0003g  |
| <b>Minimum Weight (USP, typical)</b> | 40mg  | 40mg          | 400mg    | 400mg                | 400mg    | 400mg    | 400mg                          | 400mg    | 400mg    | 400mg    |
| <b>Pan Size</b>                      | 3.1" ø / 80mm ø   |               |          |                      |          |          |                                |          |          |          |
| <b>Weighing Units</b>                | g, mg, lb, oz, ct, GN, dwt, mm, ozt, T, tl.H, tl.S, tl.T, custom unit |               |          |                      |          |          |                                |          |          |          |
| <b>Stabilization Time (sec)</b>      | 6   |               |          |                      |          | 4        |                                |          |          |          |
| <b>Interface</b>                     | RS-232  |               |          |                      |          |          |                                |          |          |          |
| <b>Calibration</b>                   | Internal automatic calibration  |               |          | External calibration |          |          | Internal automatic calibration |          |          |          |
| <b>Display</b>                       | Graphic display with 0.6"/ 15mm -high digits                          |               |          |                      |          |          |                                |          |          |          |
| <b>Power Supply</b>                  | 24V 50/60Hz 500mA adapter   |               |          |                      |          |          |                                |          |          |          |
| <b>Operating Temperature</b>         | 10° to 30°C / 50° to 86°F   |               |          |                      |          |          |                                |          |          |          |
| <b>Housing</b>                       | ABS plastic   |               |          |                      |          |          |                                |          |          |          |
| <b>Draft Shield</b>                  | Chamber 7.6"x7.7"x9.1" / 192x195x230mm                                |               |          |                      |          |          |                                |          |          |          |
| <b>Overall Dim.</b>                  | 8.8"x14.7"x13.3" / 224x374x338mm (wxdxh)                              |               |          |                      |          |          |                                |          |          |          |
| <b>Net Weight</b>                    | 15.4lb / 7kg  |               |          | 14.8lb / 6.7kg       |          |          | 15.4lb / 7kg                   |          |          |          |

## Accessories

| Item number | Description                                      |
|-------------|--|
| 104008036   | Anti-vibration table                             |
| 1060014262  | Density kit for balance up to 0.001g readability |
| 3012014259  | In-use cover                                     |
| 1120011156  | ATP thermal printer                              |
| 3126011263  | ATP thermal printer paper                        |
| 3126011281  | ATP thermal printer paper (pack of 10)           |
| 3014011014  | RS-232 cable M-F                                 |
| 700100046   | Kensington-type lock and cable                   |
| 600002028   | AdamDU Data Collection Program                   |
| 700660290   | Calibration certificate                          |
| 700100410   | ABI-1 Ioniser                                    |
| 700100207   | E2 1g to 200g calibration weight set             |
| 700100022   | E2 100g calibration weight                       |
| 700100023   | E2 200g calibration weight                       |
| 700100419   | E1 1mg - 50g Calibration Weight Set              |
| 700100420   | E1 1mg - 100g Calibration Weight Set             |
| 700100421   | E1 1mg - 200g Calibration Weight Set             |
| 700100398   | E1 5g Calibration Weight                         |
| 700100399   | E1 10g Calibration Weight                        |
| 700100400   | E1 20g Calibration Weight                        |
| 700100401   | E1 50g Calibration Weight                        |
| 700100026   | E2 1mg - 200g calibration weight set             |

## Key Accessories



**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.



**AdamDU data collection program**  
Adam DU software connects a balance to the laboratory network, helping to achieve seamless data collection, transfer and analysis. DU features an easy-to-use interface with a main command window, allowing users to quickly collect information from up to eight Adam balances simultaneously using RS-232 or USB connections.

Supplied by