

## Precise 5kg/0.1g Electronic Precision Scale

## DATA SHEET

**RoHS**  
Lead-Free Soldering



### FEATURES AND FUNCTIONS

- With "precision load cell" for accurate weighing
- Weight display in 11 weighing units
  - Ounces
  - Pounds
  - Pounds and Ounces
  - Grams
  - Troy Ounces
  - Troy Pounds
  - Troy Pounds and Ounces
  - Troy Pennyweights
  - Carats
  - Grains
  - Drams
- Count function
- Display Hold function
- Optional RS-232 Interface to Personal Computer

### SPECIFICATIONS

**Range** : 0 ~5000g

**Tare** : Unlimited  
0 Weight No Tare Function.

|                              |   |
|------------------------------|---|
| <b>Negative weight</b>       | : Tare Function will set negative weight to 0 without add-on.   |
| <b>Tare upon turning on</b>  | : Allow tare up to max tare upon turn on, but this will not extend the measuring range on the scale.  |
| <b>Accuracy</b>              | : $\pm 0.01$ % of reading or + 1digit   |
| <b>Calibration</b>           | : Five points of Advance Automatic Calibration for greater accuracy; one point of User calibration.<br><br>In the event that the scale loses accuracy , recalibration may be required if the load cell of the scale is overloaded due to dropping something heavy on the scale, or dropping it. |
| <b>Resolution</b>            | : 0.1g / 0.003oz step   |
| <b>Min. Add-on Wt.</b>       | : >0.2 g (0. 007oz)   |
| <b>Power Consumption</b>     | : Approx 0.35W ~ 0.40W  |
| <b>Power</b>                 | : AC Adaptor: 9 V, 100mA (Supplied)<br>Battery: 6 X 1.5 V AA batteries (Not supplied)   |
| <b>Warm-up time</b>          | : 2 seconds or less.  |
| <b>Display</b>               | : 2 lines with 16 characters dot matrix liquid crystal display, with clear protective Plastic Bezel.<br>Optional: backlit display   |
| <b>Warm up display</b>       | : Self-Testing...   |
| <b>Display after warm-up</b> | : Gram (g) 0.0g   |
| <b>Auto Off</b>              | : Auto off after 5 min. of no Load Change or Key Pressed in battery mode.   |
| <b>Display Features</b>      | : Overload $\rightarrow$ "Over Load"  |
| <b>Temperature</b>           | : Good performance within -10 degree Centigrade to +45 degree Centigrade.<br><br>The scale is designed to operate in normal room temperatures. If subjected to cold or warm temperatures, it should be allowed to reach room temperature before operating.                                      |
| <b>Case &amp; Platform</b>   | : Fine texture ABS plastic or equivalent.   |
| <b>Load Cell Technology</b>  | : Four element single strain gage with temperature compensation   |
| <b>Load Cell Body</b>        | : Material : 2024 – T4/T351 Aluminum Alloy  |

## PHYSICAL FEATURES

|                      |                           |
|----------------------|---------------------------|
| <b>Dimensions</b>    | : 26.5cm X 20cm X 8.3cm   |
| <b>Platform Size</b> | : 20cm x 15cm             |
| <b>Weight</b>        | : 1134g without Batteries |

## KEYS

Technology : Membrane  
Quantity : 15

## KEYBOARD LAYOUT



## PACKAGING

Box Dimension : 40cm X 26.5cm X 9.8cm  
Packaged Weight : 1.80kg (4lbs 1.80oz)  
Master carton Dimension: 55.0cm X 52.0cm X 43.0cm  
Quantity: 10 boxes per Master carton  
Volume: 0.13 cbm  
Gross Weight: 18.50 kg (42 lbs, USA only)  
IATA Dimensional Weight: 21.50kg (48 lbs, USA only)

## WARRANTY

1 year from date of sale to end-user against defect in manufacturing and materials

**\* NOTE:** for MINIMUM Order qty of 50 only