

## Precise10 Electronic Precision Scale

## DATA SHEET

**RoHS**  
Lead-Free Soldering



### FUNCTIONS

- Weight display in following units
  - Ounces
  - Pounds
  - Pounds and Ounces
  - Grams
  - Troy Ounces
  - Troy Pounds
  - Troy Pounds and Ounces
  - Carats
  - Grains
  - Drams
- Count function, with user programmable sampling number
- Memory read/write for the total counts
- Display Hold function
- Batching function for packing purpose with progress bar like in PC.
- Optional RS-232 Interface to Personal Computer

### SPECIFICATIONS

- Range** : 0 ~10000g  
Mechanical overload and under load protection
- Tare** : Unlimited (Up to the scale's maximum capacity)  
0 Weight No Tare Function.
- Negative weight** : 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>	: $\pm 0.1\%$ of reading $\pm 1$ digit
<b>Calibration</b>	: <b>Advance Calibration</b> → Five points of automatic advance calibration for greater accuracy. <b>User Calibration</b> → One point of user calibration at 2kg.  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>	: 1g / 0.03oz step
<b>Minimum Weight</b>	: >1g (0.03oz)
<b>Min. Add-on Wt.</b>	: >1g (0.03oz)
<b>Power Consumption</b>	: Approx 0.35W ~ 0.40W
<b>Power</b>	: AC Adaptor: 9 V, 100mA (Supplied) Battery: 6 (AA) X 1.5 V (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. Optional: backlit display
<b>Warm up display</b>	: Selftest...
<b>Display after warm-up</b>	: Gram (g) 0g
<b>Auto Off</b>	: Auto off after 5 min. of non use in battery operation. This can be removed according to the customer's request.
<b>Display Features</b>	: Overload → "Overload!" To help in the tracking of the base frequency → "Remove Weight", "Underload!"
<b>Temperature</b>	: Good performance within -10 degree Centigrade to +45 degree Centigrade.  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

Weight : 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