

Precise 1kg Electronic Precision Scale

DATA SHEET

RoHS
Lead-Free Soldering



FUNCTIONS

- 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 with user programmable sampling number.
- Memory read and write for the counts
- Display Hold function
- Optional RS-232 Interface to Personal Computer

SPECIFICATIONS

- Range** : 0 ~1000g
Mechanical overload and under load protection
- Tare** : Unlimited (up to scale weighing capacity)
0 Weight No Tare Function.
- Negative weight** : Tare Function will set negative weight to 0 without add-on.

Tare upon turning on	: Allow tare up to max tare upon turn on, but this will not extend the measuring range on the scale.
Accuracy	: $\pm 0.1\%$ of reading ± 1 digit
Calibration	: Advance Calibration Five points of Automatic advance calibration for greater accuracy. User Calibration One point automatic user calibration at 200g. 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.
Resolution	: 0.05g
Minimum Weight	: >0.1g
Min. Add-on Wt.	: >0.1g
Power Consumption	: Approx 0.35W ~ 0.40W
Power	: AC Adaptor: 9 V, 100mA (Supplied) Battery: 6 (AA) X 1.5 V
Warm-up time	: 2 seconds or less.
Display	: 2 lines with 16 characters dot matrix liquid crystal display, with clear protective Plastic Bezel. Optional: Backlit display
Warm up display	: Selftest...
Display after warm-up	: Gram (g) 0g
Auto Off	: Auto off after 5 min. of non use in battery operation. This can be removed according to the customer's request.
Display Features	: Overload \rightarrow "Overload!" To help in the tracking of the base frequency \rightarrow "Remove Weight", "Underload!"
Temperature	: 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.
Case & Platform	: Fine texture ABS plastic or equivalent.
Load Cell Technology	: Four element single strain gage with temperature compensation
Load Cell Body	: Material : 2024 – T4/T351 Aluminum Alloy

PHYSICAL FEATURES

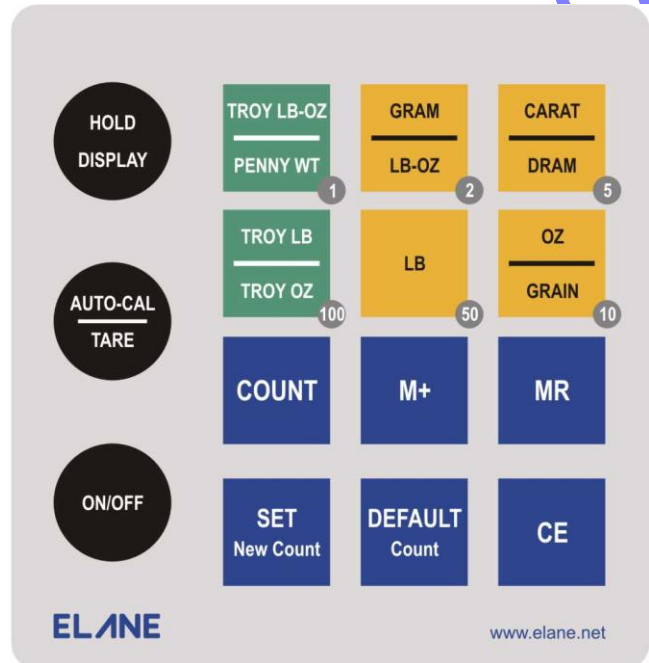
Dimensions : 26.5cm X 20cm X 8.3cm

Platform Size : 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