

Precise 1kg Electronic Precision Scale

DATA SHEET

RoHS
Lead-Free Soldering



UNICS

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 → "Overload!" To help in the tracking of the base frequency → "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

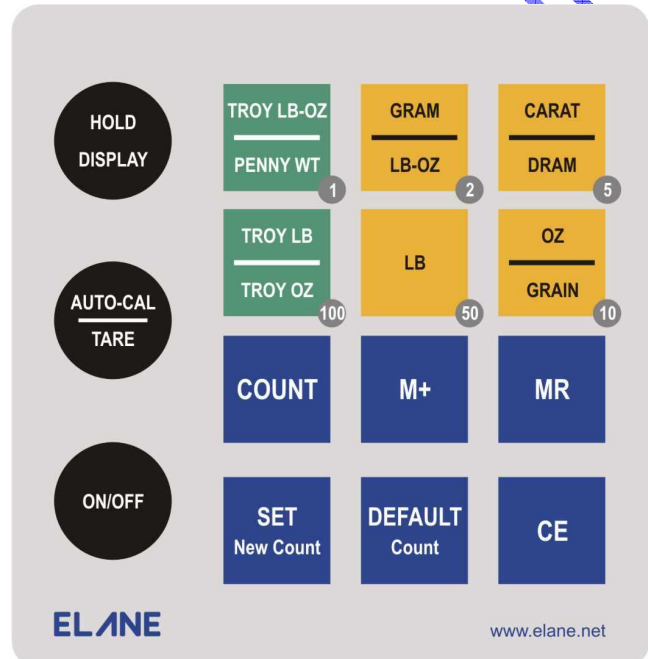
PHYSICAL FEATURES

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