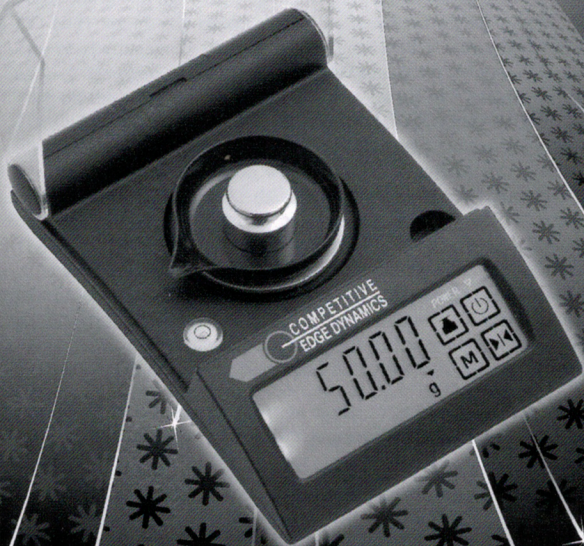


CED Professional Electronic Scale



COMPETITIVE
EDGE DYNAMICS

CED Professional Electronic Scale

Congratulations on your selection the ULTIMATE digital scale. The CED Professional Electronic Scale provides a wide range of units of weight, accuracy, fast response time, and is easy to use. This precision instrument not only measures up to 3,000 grains at 0.10 increments, a first in the shooting industry, but it also provides measurement in gram, ounce, troy ounce, carat, and pennyweight as well. Finally, a truly universal electronic scale designed for the professional in us all!

- Easy to operate & calibrate
- Easy to change between units of weight
- Capacity (up to) / Graduation:
 - 3,000 grains / 0.1 gn
 - 200 grams / 0.01 g
 - 1,000 carat / 0.05 ct
 - 128.0 pennyweight / 0.002 dwt.
 - 7.0 ounce / 0.01 oz.
 - 6.4 troy ounce / 0.01 ozt.
- Tare / Zero Reset Function
- Backlit LCD Display
- Leveling Indicator
- Protective hinged windshield cover
- Low Battery Indication / Overload Indication
- Auto Power Off Function
- Molded hard storage case / calibration weight / powder pan / batteries / AC Adapter included. (AC 100 to 240 V to DC 6V)
- Power Requirements: 4 x AAA batteries (included)
- Compact Size: 10.5 x 15.5x 3.5 cm (4.2" x 6.2" x 1.4")

Important: Due to the wide range of unit weights and capacity, this digital scale is not designed for slow rate powder trickling.

Battery Insertion:

1. Four AAA size alkaline batteries are required and included
2. To insert the batteries:
 - a. Release and slide open the cover on the back side of the scale
 - b. Place the batteries into the compartment following the correct configuration and +/- direction symbols.
 - c. Replace the battery compartment cover
 - d. The scale is now ready for operation.

Caution: When inserting the batteries into the scale, do not apply pressure to the measuring platform itself. It is not designed to support excessive weight. Hold the scale in your hands Grasping the sides of the scale in order to prevent pressure to the Stainless steel platform itself.

Operation Procedure:

The CED Professional Electronic Scale is a highly sensitive electronic load cell scale. With many features only found in much more expensive laboratory and jeweler's scales. It is well balanced and designed for multi-purpose usage.

Select a FLAT and LEVEL surface, which is not subject to vibration or air movement.

Press / touch the ON / OFF button \odot to activate the scale. Initially, when the scale is turned on for the first time after sitting for an extended period of time, let the scale remain ON for approximately 20 seconds to adjust to its new surroundings and then turn it off again. It is now ready to use. Turn it back on and proceed.

The scale display will indicate all unit weights of measurement, settling on the unit last used. Abbreviations for the units of weight include:

grains = gn

grams = g

carat = ct

pennyweight = dwt

ounce = oz

troy ounce = ozt

To change the unit weight measurement, press / touch the MODE button **M** once for each change ranging from g-ct-dwt-oz-ozt-gn.

Tare Function:

To re-zero the scale or to remove the weight of the powder pan itself when resting on the platform, press / touch the TARE \blacktriangleleft button. The TARE button can be pressed at any time to re-zero the scale.

The scale can be used with or without a powder pan. If the object being weighed is of solid mass, it can be placed directly on the stainless steel platform and measured this way.

Otherwise, place the powder pan supplied onto the platform and then press the TARE button to re-zero the scale. Press the TARE button at any time to re-zero the scale. Now, add the object that is to be weighed into the powder pan, NOT EXCEEDING the maximum weight range of the scale. If powder is to be used, pour the powder into the powder pan and allow the scale to settle adjusting to the accurate weight. If the reading continues to fluctuate and does not settle, check for vibrations or air movement and relocate the scale to a more stable environment. Read the weight shown on the LCD display and remove the powder pan and weighing object. Make sure that all residues are cleaned from the powder pan before replacing it onto the platform of the scale for further use. If the scale does not return to zero, press the TARE button to re-zero the scale. If the scale becomes inconsistent in concise measurement, recalibrate the scale using the provided 50 gram calibration weight.

Calibration Procedure:

This scale was calibrated before shipment from the factory, but should be recalibrated before use and after any and all movement / transport in order to eliminate possible inaccurate readings due to jarring, bumps, temperature changes, or other potential factors during transport. To calibrate

1. Turn the scale ON.
2. When the scale displays "0.000" after being switched on, press / touch the CALIBRATION ■ button and the LCD display screen will show "E-50".
3. Place the calibration weight onto the middle of the platform.
4. If the calibration is successful, the display will indicate "GOOD" confirming that calibration was completed, and the scale will then turn itself off automatically.
5. Remove the calibration weight from the platform. The calibration process is now completed. To verify the accuracy, turn the scale on and after the display shows 0.00 (in "g" gram mode), place the calibration weight onto the platform and the display should read 50.00 grams. The scale has a tolerance of 0.01 gram due to fluctuations in precise weight measurements, so the scale may indicate 49.99 or 50.01, which should be acceptable within the tolerance levels of the scale. If the scale indicates another number than 50.00, check the mode setting to make sure the scale is set to read in "gram" measurement units.

IMPORTANT: in order for the calibration process to be accurate, the calibration weight included with this scale must be used. DO NOT substitute weights during the calibration process.

Auto Shut-Off:

The CED Professional Electronic Scale is designed with an auto-off function. If no scale activity takes place for a period of three minutes, it will shut-down to conserve batter life. To re-activate the scale, simply press / touch the ON / OFF button again. To manually turn off the scale, Press /touch the same button again. It is recommended that the scale be turned off when not in use to conserve battery life unless the AC adapter is being used.

Caution:

1. Place objects on the weighing platform of the scale gently.
2. DO NOT weigh any object that will exceed the capacity of the scale. This can permanently damage the load cell sensor. The maximum tolerance of this scale is slightly more than 7 ounces.
3. Turn off the scale when not in use to prevent unnecessary battery drain. The scale does have a built-in automatic shut-off function, but by turning it off manually, the life of the batteries can be extended.
4. Always keep the calibration weight clean. The effects of accumulated body oils and dirt can cause the calibration operation to be off by 1/10th of a gram or more.
5. The scale should be kept clean and away from moisture. Only clean the scale with a clean dry cloth.
6. AVOID strong electrical or magnetic fields, including the use of mobile phones within ten (10) feet of the scale when in-use.
7. Avoid areas of use where dramatic temperature changes are occurring.
8. Dismantling the scale in any manner will void the Warranty.

Trouble Shooting:

“H” = Overloaded

“-E” = No showing: The electric Voltage is too low indicating that the batteries should be replaced or that the batteries were not installed correctly and need to be readjusted.

Technical Support:

The CED Professional Electronic Scale is covered by a one-year manufacturer's warranty. Contact Competitive Edge Dynamics support for warranty repair, replacement or technical questions.

GUARANTEE

****30 DAYS MONEY BACK QUARANTEE****

We want you to be completely satisfied with our product, if you are not satisfied, simply return it to the place of purchase along with the original receipt of purchase, and in an undamaged condition within 30 days for a full refund of the product value.

WARRANTY

****ONE YEAR LIMITED WARRANTY****

If the CED Professional Electronic Scale breaks due to defective parts or workmanship, we will replace it for you. This warranty does not cover any failures attributable to abuse, mishandling, failure to follow operating instructions, alterations, or accident. All claims must be accompanied by the original sales receipt or written proof of purchase, and be returned in a properly packed manner with shipping charges prepaid. We are proud of our product and we want you to be too.

Returns should be directed through your purchase location. All warranty service should be directed to Competitive Edge Dynamics. If you should encounter any problem or wish to correspond on any matter, Please write or fax to:

Competitive Edge Dynamics Ltd.
GPO Box 10590, Central, Hong Kong.
Phone: (852) 2866-6802 Fax: (852) 2866-6505
Email: sales@CEDhk.com

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