FORCE

Thanks for purchasing the FORCE Digital Hanging Scale! This User Guide is designed to get you up and running quickly with your scale. Scales are precision instruments and require proper care and skill to get the best results. If you have questions or need support, visit us at **truweigh.com/support** or **scan the QR Code** on the back of this manual using your smartphone.
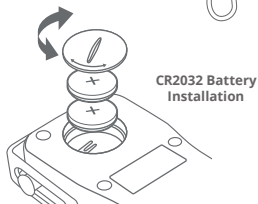
What's In The Box

User Guide

Two CR2032
Lithium Batteries

FORCE Digital
Hanging Scale

Key Descriptions

CR2032 Battery
Installation

ON/OFF - Turns the scale ON or OFF.

SET - Changes the weighing unit.

HOLD - Changes the display hold setting. (see Hold Fn.)

TARE - Zero's the scale. Also subtracts the weight of an

empty sling or other lifting equipment. (see Tare Fn.)

Weighing Your First Item

1. Press the **ON/OFF** key to turn the scale on.
2. Using the weighing hook, suspend the item you want to weigh.
3. Read the weight from the display.
4. Press the **SET** key to change the displayed weighing unit if desired.

Hold Function

The Hold function allows you to lock the weight on the display for convenience. Pressing the **HOLD** key toggles the scale between 3 different Hold settings:

1. **"L-n" - No Hold:** The display will not lock the weight and will remain on until powered off manually.
2. **"L-A" - Auto Hold:** The display will lock the weight on the display once stabilized. *default setting*
3. **"L-P" - Peak Hold:** The display will lock the highest weight on the display. This is useful for force measurement applications such as obtaining the draw weight of a bow for archery.

Things To Avoid

Air Currents

Vibration
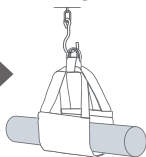

Extreme Temps

Radio Frequency Interference

High Humidity

Tare Function

The Tare function allows you to subtract the weight of weighing sling or other lifting equipment so that the display only shows the weight of the load. (net weight)

Place an unloaded sling or container on the weighing hook.

Press the **TARE** key to subtract the container or sling's weight.

Add the load to the sling or container to see the net weight on the display.

⚠️ **NOTE:** The weight of the added lifting equipment or container will subtract from the available capacity and will leave a negative value on the display once the weight is removed. Press **TARE** again to return the display to zero.

Accuracy

Your scale comes calibrated from the factory and most users wont need to calibrate their scale for a long time. You should check your scale's accuracy periodically using calibration weights and perform calibration if necessary.
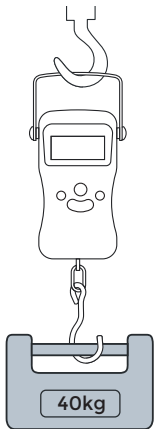
⚠️ **NOTE:** Only use trusted calibration weights. Household items such as bottles and cans with weights printed on the side are not suitable for checking accuracy as these values are approximate and don't include the container weight (Net Weight).

Calibration

⚠️ **Calibration adjustment is permanent and should only be performed using accurate calibration weights that match the requirements for your scale (see the chart on back). Do not use arbitrary household items to calibrate.**

1. Prepare a specialized 40kg suspension weight (sold separate)
2. Hang the scale from a sturdy point that can support at least 50kg. A hoist is recommended.
3. From OFF, press and hold the **SET** and **ON/OFF** keys at the same time.
4. Release the keys once the internal statement number (ISN) is displayed.
5. Make sure there is no load on the hook then press **ON/OFF** to confirm the zero point.
6. The display will then flash '40.00kg' on the display.
7. Place a 40kg suspension weight on the end of the weighing hook.
8. Press **ON/OFF** once the weight has stabilized to confirm calibration.
9. The display will show 'PASS' then return to weighing mode.

Specifications

	FO-50K-20G
Max Capacity	110 lb / 1763.7 oz / 50 kg
Readability	0.05 lb / 0.1 oz / 0.02 kg (20 grams)
Weighing Units	Pounds, Ounces, Kilograms
Dimensions	7.7 in x 2.0 in x 1.0 in
Calibration Weight	40 kg Suspension Weight
Power	2 x CR2032 Lithium Batteries (included)
Warranty	10 Year Limited Warranty

For more information, including weighing tips and support, scan this code with your smartphone

Or visit us online at truweigh.com/support/