Ultra-Sport Hanging Scales

Basic Features

Capacity: 30kg/10g or 50kg/20g
Weighing units: Kg, Lb, and Oz
Optional temperature readout*
10-weight memory
ON/OFF, TARE, SET, and HOLD keys
Auto power off after 60 seconds if weight has not changed to conserve battery.

Industrial Weighing Systems
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PLEASE READ COMPLETE INSTRUCTIONS BEFORE USE

General

The Ultra-Sport with normal care and proper treatment will provide years of reliable service. Please read all operating instructions carefully, for additional information you may contact us at www.iwsystems.ca

Although this scale is designed to be quite durable, try to avoid shaking, dropping or rough treatment as this may permanently damage the internal sensor and void your warranty. This is a precision instrument and MUST BE HANDLED WITH EXTREME CARE.

Electronic scales are precision instruments; do not operate near an in-use cell phone, cordless phone, radio, computer or other electronic device. These devices emit RF and can cause unstable scale readings. If your scale ever performs poorly, try moving the scale to a to a different area.

The display may appear to wander or jump when weighing, this is due to air currents, vibrations or load fluctuations if what you are weighing is moving. Stable weighing is achieved when the scale beeps and the stable arrow flashes on the display.

Scale Care

This scale is not waterproof, do not immerse in water.
Try to avoid lengthy exposure to extreme heat or cold.
When turned on wait several seconds before weighing to allow electronics to stabilize.
Store in a clean dry place, exposure to dust, dirt, moisture, vibrations, may affect reliability.
Do not shock load the scale, gently apply all items to be weighed onto the hook

Key Operation

1: ON/OFF key
      A: Press this key to turn on or off the scale
      B: If the scale is displaying temperature or is working within its memory,
            Press ON/OFF to return to normal weighing mode.

2, TARE key
      A   Press this key to zero out a weight on the display (i.e. a weighing container)
      B   Press this key to change to the next saved weight if you are in the memory Mode.
      C   If you are in weigh mode, press and hold TARE for 2 seconds to enter temperature mode.

3, SET key:
      A   If you are in weigh mode, press and hold SET for 2 seconds to enter memory mode.
      B   If you are in weigh mode, momentarily press and release SET to change weighing units.
            Repeat momentary press to cycle **Kg - Lb - Oz - Kg**

4. HOLD key:
      If you are in weigh mode, press the HOLD key to temporarily hold a weight reading.

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Display Modes

Temperature mode
    While in weighing mode, press and hold the TARE key for 2 seconds to enter temperature mode.
    Press the ON/OFF key to exit.

Memory mode:
    While in weighing mode, press and hold the SET key for 2 seconds to enter memory mode.
    While in memory mode you can press TARE to go to the next saved weight value.
    (Tare will also display the internal serial number if you press it many times)
    You can also press UNIT to change the weighing mode/unit while in memory mode.
    The memory displays saved weights sequentially. The scale can store up to 10 values.
    Old records will be deleted with any newer weights saved.

Error displays
    If the zero point is not stable "Err1" will appear and then the scale will turn off.
    If you do not calibrate the scale correctly, the display will show "CErr" and turn off.
    Overload: if the scale is over loaded, it will display EEEE

Calibration

This scale has been calibrated at the factory and should not need user-recalibration.
If you wish to calibrate your scale you will need **precision calibration weights** to scale capacity.

    30 Kg scale: **WEIGHT-1** = 20 Kgs, **WEIGHT-2** = 30 Kgs   **CAL-1** =2000, **CAL-2** =3000
    50 Kg scale: **WEIGHT-1** = 30 Kgs, **WEIGHT-2** = 50 Kgs   **CAL-1** =3000, **CAL-2** =5000
    Your will require something to hang the weights on your scale, referred to as **Weight-Hangers**

1:     Support your scale from a rigid structure for calibration.
2:     Place all **Weight-Hangers** on scale, press and hold both **TARE** and **ON/OFF**
3:     When **CAL** is displayed release both buttons, a raw count number **A** is displayed
4:     When **A** is stable, press & hold **TARE**, display shows **CAL-1** then goes back to **A,** release **TARE**
5:     Place **WEIGHT-1** on **Weight-Hangers**, wait for a stable reading **B**, then press and hold **TARE**
6:     Display shows **CAL-2** then goes back to **B,** release **TARE**
7:     Place **WEIGHT-2** on **Weight-Hangers**, wait for a stable reading **C**, then press and hold **TARE**
8:     Display will show **PASS** then auto shut off, remove **WEIGHT-2** and **Weight-Hangers**

Calibration is now complete.