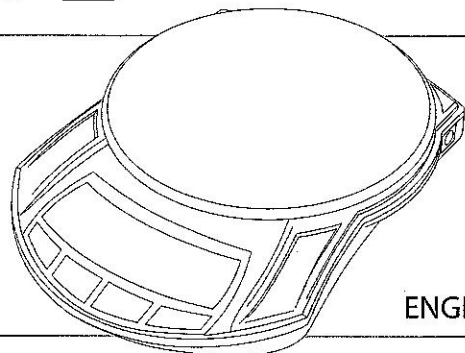# J-Scale JT-2

ENGLISH

Thank you for purchasing the J-Scale® JT-2 digital scale. Please read all operating instructions carefully before use. This electronic scale is a precision instrument. With normal care and proper treatment, it will provide years of reliable service.

For further information or troubleshooting, please visit our website at **www.jscale.com**

FEATURES & SPECIFICATIONS

JT-2 350

Precision	Capacity
0.01 g	350 g
0.001 oz	12.25 oz
0.001 ozt	11.25 ozt
0.01 dwt	225.0 dwt
0.01 ct	1750 ct
1 gn	5400 gn

JT-2 1000

Precision	Capacity
0.1 g	1000 g
0.01 oz	35.7 oz
0.0005 lb	2.2 lb
0.1 lb:0.01	2 lb: 3.36oz
0.005 ozt	32.2 ozt
0.05 dwt	643.0 dwt

JT-2 5000

Precision	Capacity
1 g	5000 g
0.05 oz	176.4 oz
0.002 lb	11.024 lb
0lb : 0.1oz	11lb : 0.4oz
0.05 fl.us	167.0 fl.us
0.05 fl.uk	176.0 fl.uk

Avoid lengthy exposure to extreme heat or cold, your scale works best when operated at normal room temperature. If the scale has been subjected to temperature change, please allow the scale to acclimate to normal room temperature for at least one hour before use. Allow sufficient warm up time. Turn the scale On and wait several seconds to give the internal components a chance to stabilize before weighing. The cleaner the environment the better. Dust, dirt, moisture, vibration, air currents and proximity to other electronic equipment can all cause an adverse effect on the reliability and accuracy of your scale. Handle with care. Gently apply all items to be weighed onto tray top. Although this scale is designed to be quite durable, try to avoid rough treatment as this may permanently damage the internal sensor and void your warranty. Avoid shaking, dropping or otherwise shocking the scale. This is a precision instrument and MUST BE HANDLED WITH EXTREME CARE.

IMPORTANT ADVICE: Place the item to be weighed on the platform, after the stable weight is displayed remove the item immediately. This will prolong the longevity and accuracy of this weighing instrument.

These 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 different room or location. This is a very precise scale – the display may seem to wander or jump when weighing. This is due to air currents or vibrations. Stable weighing is achieved when the display remains fixed for 3 seconds.

OPERATION

BATTERY OPERATION

1) Two "AAA" size ALKALINE batteries are required.
2) To install batteries: Release the battery cover by sliding out-wards. - Place batteries into battery compartment aligned correctly. - Replace battery cover. DO NOT USE EXCESSIVE FORCE & DO NOT PRESS ON THE TRAY!!!
3) The scale is now ready for battery operation.

CALIBRATION (Advanced users only)

IMPORTANT: This scale was professionally factory calibrated before shipment and does NOT need to be recalibrated by the end user. However, if you wish to recalibrate your scale we provide these instructions for calibration: Repeat calibration if the display locks on 8888, EEEE or LLLL. Incorrect calibration can occur if you do not follow the steps exactly. If your scale does not perform accurately, please try replacing your batteries before you calibrate. You will need a calibration weight (see below) to calibrate this scale.

NOTE: if you do not have access to a calibration weight you can purchase one at your local store or in emergency situations you can use coins or weights (200US Nickels = 1000g) as a calibration weight.

The JT2-1000 requires a 1000gram weight to calibrate, the JT2-5000 requires a 5000gram weight to calibrate

1) Place the scale on a flat, very stable surface and turn it ON until the LCD displays "0.0" or "0.00".
2) Press and hold the [UNITS] key for 5 seconds until the display shows "CAL-" then release the key.
3) Press the [UNITS] key again, the display will flash "1000.0g" (or "5000g").
4) Gently place the weight(s) on the scale and wait 3 seconds. The display will show "PASS".
5) The scale goes back to weighing mode. Calibration is complete. Remove the weight and turn the scale OFF.

The JT-2 350 requires both 100g & 200gram weights to calibrate.

1) Place the scale on a flat, very stable surface and turn it ON until the LCD displays "0.00".
2) Press and hold the [UNITS] key for 5 seconds until the display shows "CAL-" then release the key.
3) Press the [UNITS} key again, the display will flash "100.00g".
4) Gently place a 100g weight on the platform of the scale, wait 3 seconds, the display will flash "200.0...
5) Remove the 100g weight from the platform, gently place a 200g weight on the scale, wait 3 sec... display will show "PASS".
6) The scale goes back to weighing mode. Calibration is complete. Remove the weight and turn the sc...
NOTE: if after calibration your scale does not read accurately, this indicates calibration error and the ca... process should be repeated slower. Please calibrate on a very stable flat surface.

INACCURACY / ERROR

The primary reason for inaccuracy or malfunction are low batteries, incorrect calibration, overload or o... on an unstable surface. Please keep this in mind and maintain and operate your scale properly. The ... precise instrument and must be handled with the utmost care.

FEATURE

Power Up Segment Test

When first turning the unit on, all segments of the display will appear as shown below. This display wi... for approximately 2 seconds and then reset to "0. – HI –"

OVERLOAD

When an applied load exceeds the capacity. "0_ Ld" will appear on the display. Remove the exces... immediately! Although the JT-2 uses proprietary overload protection technology, it is still possible to ... the weighing sensors by overload. REMEMBER: You can permanently damage the scale by overloading

TROUBLESHOOTING & OPERATION NOTES

1) If the display ever becomes locked on "8888", "LLLL" or "EEEE", this indicates that the scale was ... dropped or otherwise damaged and the delicate weighing sensors may have been damaged. Pl... recalibrating the scale (If the sensor has not been hurt too badly it will work again after recali... Otherwise you will have to follow the warranty instructions that came with your scale.

2) If the display shows "– Lo", this often indicates low batteries. However sometimes it also may in... serious zero mark error. This means when you turn the scale on, it can't determine what zero is (a sl... mark error will cause situation #1 above). Thus, if new batteries do not fix this error the scale will have t... to us for replacement under our 20 years warranty program. Although the JT-2 is designed to be e... durable. It's important that you never overload or drop/shock the scale. Scales are delicate instrum... unlike Cellular phones, scales have delicate sensors that determine how much an item weighs. If you ... shock your scale, these sensors "feel" the shock and are sometimes destroyed. This happens with a ... scales. We design our scales to be as resistant to shock or drops as possible. However there is no way ... protect 100% against load cell or sensor damage. A well-treated scale will provide years of reliable and ... weighing. However an abused scale will only work until it's sensors are damaged.

KEY PAD FUNCTIONS

[UNITS]

Mode selection. Press and release the key once to change weight unit You can select:
JT-2 350: g, oz, ozt, dwt, ct, gn
JT-2 1000: g, oz, lb, lb:oz, ozt, dwt
JT-2 5000: g, oz, lb, lb:oz, fl.us, fl.uk

[ON/OFF]

Press this key to turn the scale on. When the scale is on, press and hold the same key to turn the scale o...

[TARE]

Tare. Press [TARE] to reset the scale to zero. This can be used for eliminating from a sample (or a Tray/Co... the weight value of a container weight is permanently removed for the remainder of the procedure. ... the scale ON, place the tray or container on weighing platform, and press the [TARE] key, the scale will s... (or 0.00) on the display and you can add items to the container/tray. NOTE: When all weight are remov... the weighing tray, the tared value of a container will be displayed as a negative number. Cycle the powe... scale to reset the scale to zero.

[HOLD]

Press this key to keep the number ten seconds.