SCANDINAVIAN SCALE COMPANY

MANUAL

T20

Contents

1. <u>Introduction</u>

The T20 scale provides an accurate, fast and versatile purpose weighing scale. All units include tare, zero, change unit, change division function.

2. <u>Key descriptions</u>

ON/OFF   -   Turn on/off the power
TARE/UNIT -   Press this key to tare, hold this key for 4 seconds to change weighing unit
ZERO   -   Rezero the scale

3. <u>Display</u>

The LCD display will show a value and some marks under the digits.

Zero	-	Zero indicator
Stable	-	Stability indicator
Net	-	Tare indicator, current scales in weight mode
Battery	-	Battery low, when this indicator on please change batteries
kg	-	Current weighing unit is KG
U2	-	Current weighing unit is second weighing unit, default is G

4. <u>Operation</u>

<u>4.1 Zeroing the display</u>

You can press the ZERO key at any time to set the zeropoint from whih all other weighing, within 4% of power up zero. This will usually only be necessary when the platform is empty. When the zeropoint is obtained the display will show the indicator for zero. The scale has an automatic zero tracking function to account for minor drifting or accumulation of material on the platform. However you may need to press the ZERO key to rexero the scale if smal accounts of weight are shown when the platform is empty. (When weight more than 20% capacity, zero function disable)

<u>4.2 Taring</u>

Zero the scale by pressing the ZERO key if necessary. The zero indicator will be on. Place a container on the platform, a value for its weight will be displayed. Press the TARE/UNIT key to tare the scale. The weight that was displayed is stored as the tare value and that value is subtracted from the display, leaving zero on the display. The NET indicator will be on. As products is added only the weight of the product will be shown. The scale could be tared a second time if another type of product was to be added to the first one. Again only the weight that is added after taring wil be displayed.
When the container is removed a negative value will be shown. If the scale was tared just before removing the container this value is the gross weight of the container plus all products that was removed. The zero indicator will also be on because the platform is back to the same condition it was when the ZERO key was last pressed.

<u>4.3 Change weighing unit</u>

Hold TARE/UNIT key for 4 seconds will change the weighing unit, relevant weighing unit mark turn on (Kg or U2).

5. Battery operation

When battery voltage low, the "BAT/LO" arrow will turn on. The battery should be changed as soon as the arrow is on. The scale use dry batterycell (3*size D) located at the bottom of the scale, loose the screw for battery cover and open the battery house. Connect the new batteries with correct polarity (+/-). If you dont use dry battery, please remove them from the scale. When you have no batteries or battery low you also can use the AC adapter to power the scale.

6. Parameters and calibration

6.1 Entering setting menu

The scale has 5 parameters that can be set by the user plus a method of entering the calibration section. To set parameters or calibration first turn off the scale then hold TARE/UNIT key and press ON/OFF key until display shows "F0 Cal".

6.2 Calibration

After entering setting mode the display will show "F0 CaL". Press the TARE/UNIT key and the display shows "UnLd", empty the platform after the stable indicator is lit. Press the TARE/UNIT key again and the display shows the calibration weight. Select weight with ZERO key and press TARE/UNIT key again when the correct calibration weight is set. The display now shows "LoAd", place the correct calibration weight on the platform and wait until the stable indicator is lit. Press the TARE/UNIT key and the display shows "PASS". The scale restarts and are ready to use.

6.3 Change capacity

After entering setting mode the display shows "F0CAL", press ZERO key. The display now shows "F1CAP". Press TARE/UNIT key to enter and use ZERO key to select. Press TARE/UNIT key to confirm.

NOTE : To change capacity you need to change a jumper in the scale and buy a new loadcell to use in the scale.

6.4 Check internal counts

After entering setting mode the display shows "F0CAL". Press the ZERO key twice and the display shows "F1CAP". Press TARE/UNIT key and the display shows the internal counts. TARE/UNIT to return.

6.5 Set backlight mode

After entering setting mode the display shows "F0CAL". Press ZERO key three times and the display shows "F3 bl". Press TARE/UNIT key to enter, press ZERO key to change backlight mode (oFF=always off, on=always on. Confirm with TARE/UNIT key.

6.6 Set auto power off

After entering settng mode the display shows "F0CAL". Press ZERO key five times and the display shows "F4oFF", press TARE/UNIT key to enter. Press ZERO key to select the auto power off time (on, 3 or 10 minutes). Press the TARE/UNIT key to confirm.

6.7 Set units

After entering setting mode the display shows "F0CAL". Press ZERO key five times and the display shows F5Unt". Press TARE/UNIT key to enter and press ZERO key to select the secondary unit (lb, g etcd). Press TARE/UNIT key to confirm.

All other parameters are only for SSC AB to change.