**SCANDINAVIAN
SCALE COMPANY**

MANUAL

<u>T28</u>

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1. Introduction

T28 is a IP54 scale for use in är en vattentät våg som ger snabba och korrekta viktvärden främst avsedd för storkök, lantbruk och liknande ändamål. Alla vågar har tarafunktion och möjlighet att ställa in olika viktenheter.

2. Key description

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. General installation

The scales should be sited in a location that will not degrade the accuracy.
Avoid extremes of temperature. Do not place in direct sunlight or near air conditioning vents.
Avoid unsuitable tables. The tables or floor must be rigid and not vibrate. Do not place near vibrating machinery.
Avoid unstable power sources. Do not use near large users of electricity such as welding equipment or large motors.
Avoid high humidity that might cause condensation. Do not immerse the scales in water.
Avoid air movement such as from fans or opening doors. Do not place near open windows.
Keep the scales clean.
Do not stack material on the scales when they are not in use.

T28 series waterproof scales use AC adapter and rechargeable battery powered. Please attention the power source voltage accord with the mark of the adapter. AC adapter socket at the bottom the scale, you can overturn the scale before you charging the battery.

4. Display

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

5. Operation

5.1 Zeroing the display

You can press the ZERO key at any time to set the zeropoint from which all other weighing, within 2% 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)

5.2 Taring

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.

5.3 Change weighing unit

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

6. Parameters and calibration

6.1 Entering setting menu

The scale has 10 parameters that ca n be set by the user plus a method of entering the calibration section. To set parameters or calibration, hold TARE/UNIT key ,then press ON/OFF key ,it will show F0 CAL. Before these operate, please short K4.

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 resolution

After enter setting mode, the display shows "F0 CAL", press ZERO key and the display shows "F1rES", press TARE/UNIT key to enter, press ZERO key to set resolution, confirm with TARE/UNIT key.

6.4 Check internal counts

After entering setting mode the display shows "F0CAL". Press the ZERO key twice and the display shows "F2inP". Press TARE/UNIT key and the display shows the internal counts. TARE/UNIT to return.

6.5 Set unit weight

After entering setting mode the display shows "F0 CAL". Press the ZERO key four times until the display shows "F5unT". Not available for users

6.6 Set sleep time

After entering settng mode the display shows "F0CAL". Press ZERO key five times and the display shows "F5oFF", press TARE/UNIT key to enter. Press ZERO key to select the auto power off time (0, 3, 5, 10 or 20 minutes). Press the TARE/UNIT key to confirm.

6.7 Change capacity

Before this operation, short K5.
After enter setting mode the display shows "F0CAL". Press ZERO key six times, display shows "F6CAP". Press TARE/UNIT key and the display shows "Pin---". Press TARE/UNIT key and ZERO key to input password.

6.8 Track zero point scope

User can¨t set to track zero point scope.

6.9 Set the ADC speed

After entering setting mode the display shows "F0CAL". Press the ZERO key eight times and the display shows "F8 SPD". Press TARE/UNIT key to enter, press ZERO key tospeed mode (7.5/15/30), press TARE/UNIT key to confirm.

6.10 Renew factory setting

After entering setting mode the display shows "F0CAL". Press ZERO key nine times and the display shows "F9 rst". Press TARE/UNIT key, the display shows "---". Wait a moment and the scale automaticly reset the parameters.

7. Battery

The weighing indicator can be operated from the battery if desired. The battery life is approximately 70 hours.
When the battery needs charging BAT LO indicator will turn on. The battery should be charged when the symbol is on. The scale will still operate for about 10 hours after which it will automatically switch off to protect the battery.
To charge the battery simply plug into the mains power. The scale does not need to be turned on. The battery should be charged for 24 hours for full capacity.
Just under the quantity display is an LED to indicate the status of battery charging. W hen the scale is plugged into the mains power the internal battery will be charged. If the LED is green the battery has a full charge. If it is Red the battery is nearly discharged and yellow indicates the battery is being charged.
As the battery is used it may fail to hold a full charge. If the battery life becomes unacceptable then contact your distributor corporation.