

HS SERIES

ELECTRONIC HANGING SCALE

OPERATION MANUAL

PLEASE READ THIS MANUAL VERY CAREFULLY BEFORE ATTEMPT TO OPERATE THE SCALE

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Specifications subject to change without prior notice

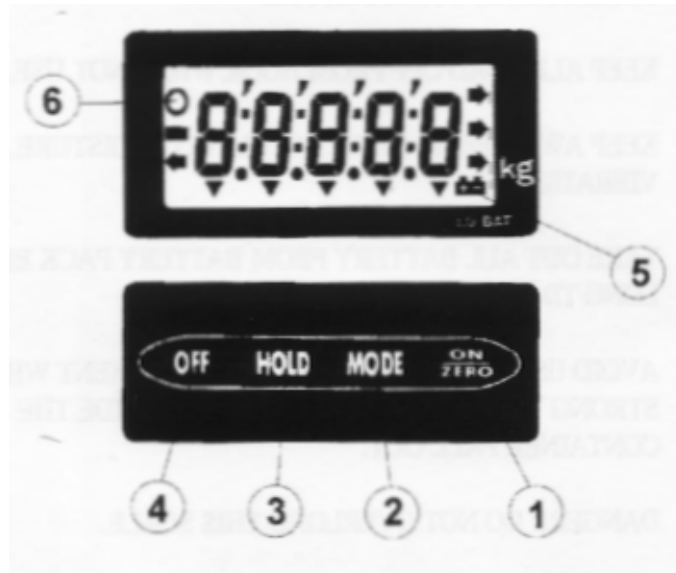
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1. CAUTIONS

- A. THIS IS NOT A TOY, KEEP OUT OF REACH OF CHILDREN.
- B. THIS IS A PRECISION WEIGHING INSTRUMENT, HANDLE WITH CARE, PREVENT FROM STOCK
- C. KEEP ALL LOADS OFF FROM HOOK WHEN NOT USE.
- D. KEEP AWAY FROM DIRECT SUNLIGHT, MOISTURE, HEAT AND VIBRATION.
- E. TAKE OUT ALL BATTERIES FROM BATTERY PACK BEFORE LONG TIME STORAGE.
- F. AVOID USING THIS SCALE IN AN ENVIRONMENT WHERE STRONG WIND MAY CAUSE CONTENT INSIDE THE CONTAINER FALL OUT.
- G. DANGER! DO NOT OVERLOAD THIS SCALE.
- H. KEEP CARE WHEN PUTTING SUBSTANCE FOR WEIGHING.
- I. SHARP HOOK, HANDLE AND OPERATE WITH UTMOST CARE.

1. KEYBOARD LAYOUT AND DESCRIPTION



1. ON/ZERO KEY

PRESS THIS KEY TO TURN THE SCALE ON, OR RESET THE WEIGHT TO ZERO, OR TO TARE OFF A CONTAINER WEIGHT.

2. OFF KEY

PRESS THIS KEY TO TURN SCALE OFF

3. HOLD KEY

PRESS THIS KEY TO HOLD THE WEIGHT DISPLAYED.

4. MODE KEY

PRESS THIS KEY TO SWITCH BETWEEN METRIC ONLY OR KG/LB WEIGHING UNIT WITH OR WITHOUT BACKLIGHT (OPTION)

NOTE: TO COMPLY THE LAW OF CERTAIN COUNTRIES, THIS KEY WILL BE WITHOUT ANY FUNCTION EXCEPT SELECTING BACKLIGHT (OPTION) STATUS.

5. +/- SIGN

WHEN THIS SIGN IS ON, REPLACE BATTERIES IMMEDIATELY.

6. ZERO INDICATOR

A CIRCLE WILL APPEAR IN THE UPPER LEFT CORNER OF DISPLAY TO INDICATE A ZERO WEIGHT STATUS.

1. INSTRUCTION FOR USE

3.1 POWER THE SCALE

THE HS HANGING SCALE IS POWERED EITHER BY 4 X "D" BATTERY OR AN AC ADAPTOR WITH OUTPUT = 9V DC 100mA.

3.2 FIXING THE SCALE

THE SCALE MUST BE HANGED VIA A STRONG MEDIA, E.G. A WIRE ROPE, TO A FIRM SUPPORT THAT WITHSTAND AT LEAST 5 TIMES OF SCALE RATED CAPACITY.

3.3 PLACING CONTAINER OR PAN SUPPORT (OPTION)

BEFORE TURNING THE SCALE ON, PLACE THE CONTAINER/PAN SUPPORT TO THE HOOK FIRST.

3.4 PLACING A LOAD

ALWAYS PLACE A LOAD TO THE SCALE GENTLY, SUDDEN SHOCK EXCESS FORCE MAY CAUSE DAMAGE TO THE WEIGHT SENSOR INSIDE.

IT IS A GOOD PRACTICE TO REMOVE ALL LOADS FROM HOOK IMMEDIATELY. IT WOULD PROLONG THE LIFETIME OF THE WEIGHT SENSOR.

3.5 SWITCH BETWEEN METRIC AND LB WEIGHT UNIT AND BACKLIGHT STATUS

TURN SCALE ON, PRESS THE "MODE" KEY TO SWITCH AMONG KG(G)(WITHOUT BACKLIGHT) -> LB(WITHOUT BACKLIGHT) - >KG(WITH BACKLIGHT).

WHEN THE BACKLIGHT FUNCTION IS EMPLOYED.

THE BACKLIGHT WILL AUTOMATIC GO OFF 2 SECOND AFTER ZERO WEIGHT DETECTED AND WILL AUTOMATIC WHEN LOAD APPLIED AGAIN.

NOTE: TO COMPLY THE LAW OF CERTAIN COUNTRIES, THE LB WEIGHT UNIT MAY NOT BE EMPLOYED BY THE SCALE.

3.6 HOLDING THE WEIGHT DISPLAYED

TO HOLD THE WEIGHT DISPLAYED, PRESS THE "HOLD" AFTER DISPLAYED WEIGHT IS STABLE. TO RELEASE, PRESS "HOLD" KEY AGAIN.

3.7 CHANGING BATTERIES

WHEN THE "LO-BAT" SIGN APPEARS, UNLOAD AND TURN THE SCALE OFF, REPLACE ALL BATTERIES WITH NEW ONES. BATTERIES MUST BE INSERTED ACCORDING TO POLARITY MARKED INSIDE THE BATTERY PACK.

1. TARE OF A CONTAINER WEIGHT

IF A CONTAINER / PAN SUPPORT HAS TO BE PLACED AFTERWARD, PRESS "ON/ZERO" TO TARE OFF THE WEIGHT OF THE CONTAINER /PAN SUPPORT. IN THIS CASE, THE RATE CAPACITY OF THE SCALE MIGHT NOT BE ATTAINED.

5. AUTO OFF

TO OPERATE/DISABLE THE AUTO OFF:

- A. TURN SCALE OFF.
- B. PRESS AND HOLD "MODE", THEN PRESS "ON/ZERO".
- C. PRESS "HOLD"
- D. PRESS "HOLD" AND SELECT "4oFF" (AUTOMATIC TURN OFF AFTER 4 MINUTES UNUSED), OR 0-OFF (DISABLE AUTO OFF FUNCTION).
- E. PRESS "ON/ZERO" TO CONFIRM SETTING AND RETURN TO WEIGHING STATUS.

6. TROUBLE SHOOTING

SYNDROME: SCALE DOES NOT TURN ON

CHECK: ARE BATTERIES INSERTED CORRECTLY?
ARE BATTERIES FUNCTIONING PROPERLY?
OUTPUT VOLTAGE IS DC 9V/100MA?
IS THE MAIN ADAPTOR PLUGGED PROPERLY INTO THE INLET AND INTO THE SCALE?

ACTION: RELOAD BATTERIES OR INSERT MAIN ADAPTER TO BOTH ENDS AGAIN.

SYNDROME: SCALE TURN ON BUT ZERO WEIGHT DOES NOT APPEAR

CHECK: IS THERE ANY LOAD APPLIED TO THE HOOK?
IS THE HOOK STABLE?
WEIGHT OF THE CONTAINER IS TOO HEAVY?

ACTION: TURN SCALE OFF, REMOVE THE CONTAINER AND TURN SCALE ON AGAIN.

SYNDROME: RATED CAPACITY CANNOT BE REACH

CHECK: ARE THE WEIGHT OF THE CONTAINER IS TARRD OFF BY "ZERO" KEY?

ACTION: TURN SCALE OFF, REMOVE THE CONTAINER AND TURN SCALE ON AGAIN.

SYNDROME: SCALE DOES NOT WEIGH CORRECTLY

CHECK: THE RIGHT WEIGHT UNIT IS EMPLOYED" SCALE IS CALIBRATED CORRECTLY?

ACTION: CONTACT YOUR DEALER.

SYNDROME: SCALE TURNS OFF AUTOMATICALLY

CHECK: IS THE AUTO OFF FUNCTION EMPLOYED?

ACTION: DISABLE THE AUTO OFF FUNCTION.

SYNDROME: WEIGHT DISPLAY REMAINS UNCHANGED

CHECK: IS THE HOLD FUNCTION IS EMPLOYED?

ACTION: PRESS HOLD AGAIN.

7. DAILY CARE AND MAINTENANCE

1. CLEAN THE SCALE WITH A SOFT, DAMP CLOTH, IF NECESSARY, WITH A MILD DETERGENT.
2. DO NOT USE ANY HARSH, ABRASIVE MATERIAL, ACETONE, VOLATILE SOLVENT, THINNER OR ALCOHOL FOR CLEANING.
3. VERIFY THE ACCURACY OF THE SCALE PERIODICALLY. RE-CALIBRATE THE SCALE IS NEEDED.
4. IN SOME COUNTRIES, THE CALIBRATION IS RESTRICTED TO BE DONE BY QUALIFIED/ AUTHORIZED AGENT ONLY. CONTACT YOUR DEALER FOR MORE INFORMATION.

HS ERROR MESSAGES

ERR 1 - overload

ERR 2 - ZERO range +/- 2%

ERR 3 - Low battery

ERR 4 - initial ZERO +/- 10%