

**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*

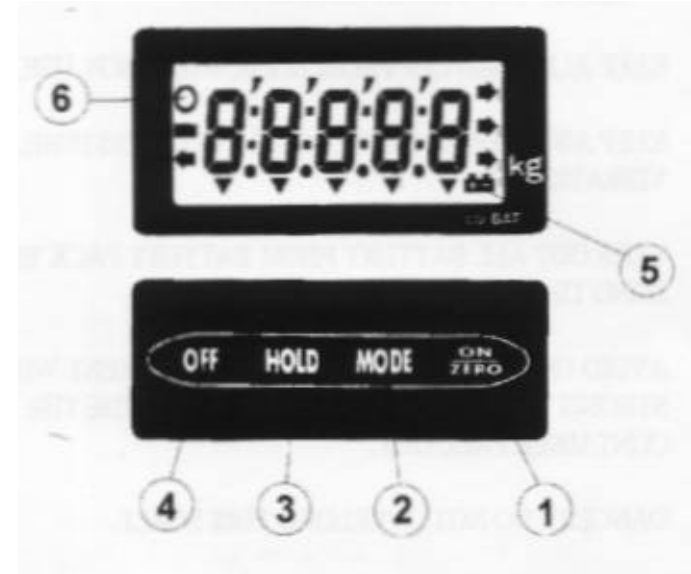
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## 1. CAUTIONS

- 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.

## 2. 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.

## **3. INSTRUCTION FOR USE**

### **3.1 POWER THE SCALE**

THE HS HANGING SCALE IS POWERED EITHER BY 4 X UM2 BATTERY OR A MAINS 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 GOES 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.

### **4. 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 "MODE" UNTIL "F.4" APPEARS.
- D. PRESS "HOLD"
- E. PRESS "HOLD" AND SELECT "4OFF" (AUTOMATIC TURN OFF AFTER 4 MINUTES UNUSED), OR 0-OFF (DISABLE AUTO OFF FUNCTION).
- F. 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.