

# **IDS710 User's Manual**

**(Ver-2)**


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## 1. Important Reminder

- \* Protect the scale from rain and water
- \* Protect the scale from high temperature and moist
- \* Prevent the scale from cockroach and other insects
- \* Handle the scale with care. Do not dash the scale.
- \* If the scale is not going to be used for a long period of time, clean the scale with cloth, then, store it in a cool, dry place and recharge the battery every 3 months.

## 2. Before Using the Scale

- \* Install the scale on an even level and stable surface for accurate weighing.
- \* Avoid using the scale in an environment of either:
  - Gusty wind (e.g. near an air conditioner outlet or fan outlet)
  - Presence of vibration (e.g. Near a heavy machine)
  - Direct sunlight
- \* Use the scale within the temperature range of 0°C ~ 40°C. Avoid using it in an environment where temperature constantly changes.
- \* Turn on the scale for about 15 minutes before use.
  - Check the voltage before plugging in: independent AC outlet for this scale is recommended to avoid interference.
- \* Make sure to fully charge the battery before its first use.
  - Charge the battery by plugging in the power code.
  - When the charger indicator is lit in:
    - RED= this means that charging is in progress
    - GREEN= this means that charging is complete
    - (It takes about 8 hours to fully charging the battery)
  - When the scale shows , pls charging the battery in time.
- \* Specification for the print paper
  - Diameter: 30mm
  - Width: 58mm
  - Material: thermal printing paper

## 3. Keypad Instruction

COUNT	PRE TARE	UNIT
SMPL	WEIGH	PRE SET
M+	T	^ B/L
MC	Z	PRT ETR

## Instructions

COUNT	Enter in the counting mode after setting the quantity of sample
SMPL	Enter in the counting mode and set the quantity of sample
M+	Accumulate and print weight, quantity and frequency Review the accumulated data when the scale is unloaded
MC	Clear the accumulated data Clear the preset data of HI-LO-OK alarm
PRE TARE	Pre tare the packing weight
WEIGH	Review the preset data of HI-LO-OK alarm
T	Tare the weight
Z	Zero the scale
UNIT	Select the weight units between kg and g (Hongkong pounds and lb can be available in specific versions)
PRE SET	Pre set the data for HI-LO-OK Alarm
^   B/L	Select backlight mode or input numbers
PRT   ETR	Print total accumulated data or confirm the input numbers

### 4. Power Supply

\* Rechargeable battery: 6V/4Ah

\* Power: DC 9V/1A

### 5. Function Instruction

#### 5.1 Backlight

Press [^ | B/L] key to select the backlight mode. There are three modes.

- "BL. AUTO": The backlight is automatically on when the load weight is not 0. Otherwise, the backlight is off.
- "BL.ON": Backlight is always on.
- "BL.OFF": Backlight is always off.

#### 5.2 Weight Units

Press [UNIT] key to select the weight units. There are two units: kg and g. The current unit is autosaved by turning off the scale.

(Note: the scale's weight unit can be preset in the function setting mode)

#### 5.3 Weight HI-LO-OK Alarm

- (1) Pre set weight "HI value", "LO value" and "Alarm mode".
- Pre set the data by using [^ | B/L] key (input numbers), [PRE SET] key (shift), [PRT | ETR] key (confirm the input numbers).
  - Pressing [PRE SET] key, the scale shows "0000.0L" or the LO value set before. Input the new LO value.
  - Press [PRT | ETR] key to confirm the new LO value, then, the scale shows "0000.0H" or the HI value set before. Input new HI value.
  - Press [PRT | ETR] key to confirm the new HI value, then, the scale shows "AL---0" or the alarm mode set before. Press [^ | B/L] key to select the new alarm mode.

0	Alarm off
1	LO range Alarm
2	OK range Alarm
3	HI range Alarm
4	Beyond HI, LO, OK range alarm

**(2) Review the preset data**

When in normal weighing mode, press [PRE SET] key, [WEIGH] key in turn to review the preset data.

**(3) Clear the preset data**

When in normal weighing mode, press [PRE SET] key, [WEIGH] key in turn to review the preset data. Then, press [MC] key to clear the preset data. Press [UNIT] key to return to normal weighing mode.

(Note: The scale alarms when  $d \geq 20e$ )

### **5.4 Quantity HI-LO-OK Alarm**

Preset quantity "HI value", "LO value" and "Alarm mode" according to the procedures of item 5.3.

### **5.5 Accumulation**

**(1) Weight accumulation**

When the load weight is positive and stable, press [M+] key to save and print the weight. The scale shows accumulated frequency and accumulated weight by turns. Meanwhile, the scale shows "M+" symbol. After unload the weight, the scale can do next accumulation.

The scale can handle up to 50 accumulations. Accumulated data should within 6 digits.

**(2) Review the accumulated weight**

When the scale is unloaded in normal weighing mode, press [M+] key to review the accumulated weight.

**(3) Clear the accumulated weight**

Press [MC] key to clear the accumulated weight while reviewing the accumulated weight.

**(4) Quantity accumulation**

Same operation procedures as weight accumulation.

### **5.6 Tare**

**(1) Tare unknown package weight**

- Put the package on the scale, press [T] key, the scale shows the tare symbol.
- Put the goods (with package) on the scale, the scale shows the weight of the goods.
- Unload the goods (with package), press [T] key, the scale displays "0". The pre-tare weight is deleted.

**(2) Tare known package weight**

- When already know the weight of one goods' package, press [PRE TARE] key, the scale shows "00000P", using [^|B/L] key (input numbers), [PRE SET] key (shift), [PRT|ETR] key (confirm the input numbers) to input the weight of package. The scale will show the negative weight of the package.
- Put the goods (with package) on the scale, the scale shows the weight of the goods.
- Unload the goods (with package), press [T] key, the scale displays "0". The pre-tare weight is deleted.

## 5.7 Pieces Counting

Put the sample on the scale, press [SMPL] key to select sample pieces as 10, 20, 50, 100. Then, press [COUNT] key to enter in the counting mode.

## 5.8 Print

### **(1) Print output mode**

#### **• Stable print**

When set the output mode as stable print, the scale will print current weight or quantity after the load weight is stable.

#### **• Key-press print**

When set the output mode as key-press print, the scale can print current weight or quantity by pressing [PRT|ETR] key after the load weight is stable.

(Note: please refer to Chapter 1 Fun-08 in AWPT Technical Manual)

### **(2) Print format**

#### **1: Simple format**

TICKET: NO. 0001

N.W: 1.000 kg

#### **2: Counting mode - simple format**

TICKET: NO.0001

N.W: 10.000 kg

QTY: 100 PCS

#### **3: Accumulation mode - simple format I**

When the scale is in normal weighing mode, press [M+] key, the scale will print:

TICKET: NO.0001

ADD: 01

N.W: 10.000 kg

#### **4: Accumulation mode - simple format II**

When the scale is in counting mode, press [M+] key, the scale will print:

TICKET: NO.0001

ADD: 1

N.W: 1.000 kg

QTY: 100 PCS

#### **5: Accumulation mode - simple format III**

When the scale is unloaded in normal weighing mode, review the accumulated data by pressing [M+] key. Then, press [PRT|ETR] key. The scale will print:

TICKET: NO. 0001

TOTAL ADD: 03

TOTAL N.W: 1.000 kg

#### **6: Accumulation mode - simple format IV**

When the scale is unloaded in counting mode, review the accumulated data by pressing [M+] key. Then, press [PRT|ETR] key. The scale will print:

TICKET: NO.0001

TOTAL ADD: 03

QTY: 100 PCS

#### **7: Simple RTC format**

DATE: 2012/08/19

TIME: 14:20:21

TICKET: NO. 0001

N.W: 1.000 kg

**8: Counting mode - Simple RTC format**

DATE: 2012/08/19

TIME: 14:20:21

TICKET: NO. 0001

N.W: 1.000 kg

QTY: 100 PCS

**9: Accumulation mode - Simple RTC format I**

When the scale is in normal weighing mode, press [M+] key, the scale will print:

DATE: 2012/08/19

TIME: 14:20:21

TICKET: NO. 0001

ADD: 01

N.W: 1.000 kg

**10: Accumulation mode - Simple RTC format II**

When the scale is in counting mode, press [M+] key, the scale will print:

DATE: 2012/08/19

TIME: 14:20:21

TICKET: NO. 0001

ADD: 01

N.W: 1.000 kg

QTY: 50 PCS

**11: Accumulation mode - Simple RTC format III**

When the scale is unloaded in normal weighing mode, review the accumulated data by pressing [M+] key. Then, press [PRT|ETR] key. The scale will print:

DATE: 2012/08/19

TIME: 14:20:21

TICKET: NO. 0001

TOTAL ADD: 03

TOTAL N.W: 1.000 kg

**12: Accumulation mode - simple RTC format IV**

(To select 3 in FUN-08)

When the scale is in normal weighing mode, press M+ to save and print each weighing data. Then, press [PRT|ETR] key to print total accumulated data:

DATE: 2012/08/19

001 Time 14:20:21 1.000 kg

002 Time 14:20:21 1.000 kg

003 Time 14:20:21 1.000 kg

---

Total. 3.000 kg

**13: Accumulation mode - Simple RTC format V**

When the scale is unloaded in counting mode, review the accumulated data by pressing [M+] key. Then, press [PRT|ETR] key. The scale will print:

DATE: 2012/08/19

TIME: 14:20:21

TICKET: NO. 0001

TOTAL ADD: 01

QTY: 100 PCS

**14: Complete format**

TICKET: NO.0001  
G.W: 1.000 kg  
T.W: 0.000 kg  
N.W: 1.000 kg

**15: Counting mode - Complete format**

TICKET: NO.0001  
G.W: 1.000kg  
T.W: 0.000kg  
N.W: 1.000kg  
QTY: 100 PCS

**16: Accumulation mode - Complete format I**

When the scale is in normal weighing mode, press [M+] key, the scale will print:

TICKET: NO.0001  
ADD: 1  
G.W: 1.000 kg  
T.W: 0.000 kg  
N.W: 1.000 kg

**17: Accumulation mode - Complete format II**

When the scale is in counting mode, press [M+] key, the scale will print:

TICKET: NO.0001  
ADD: 1  
G.W: 1.000 kg  
T.W: 0.000 kg  
N.W: 1.000 kg  
QTY: 100 PCS

**18: Accumulation mode - Complete format III**

When the scale is unloaded in normal weighing mode, review the accumulated data by pressing [M+] key. Then, press [PRT|ETR] key. The scale will print:

TICKET: NO.0001  
TOTAL ADD: 01  
TOTAL N.W: 3.000kg

**19: Accumulation mode - Complete format IV**

When the scale is unloaded in counting mode, review the accumulated data by pressing [M+] key. Then, press [PRT|ETR] key. The scale will print:

TICKET: NO.0001  
TOTAL ADD: 03  
QTY: 100 PCS

**20: Complete RTC format**

DATE: 2012/08/19  
TIME: 14:20:21  
TICKET: NO.0001  
G.W: 1.000 kg  
T.W: 0.000 kg  
N.W: 1.000 kg

**21: Counting mode - Complete RTC format**

DATE: 2012/08/19  
TIME: 14:20:21



TICKET: NO. 0001  
G.W: 1.000 kg  
T.W: 0.000 kg  
N.W: 1.000 kg  
QTY: 100 PCS

**22: Accumulation mode - Complete RTC format I**

When the scale is in normal weighing mode, press [M+] key, the scale will print:

DATE: 2012/08/19  
TIME: 14:20:21  
TICKET: NO. 0001  
ADD: 01  
G.W: 1.000 kg  
T.W: 0.000 kg  
N.W: 1.000 kg

**23: Accumulation mode - Complete RTC format II**

When the scale is in counting mode, press [M+] key, the scale will print:

DATE: 2012/08/19  
TIME: 14:20:21  
TICKET: NO. 0001  
ADD: 01  
G.W: 1.000 kg  
T.W: 0.000 kg  
N.W: 1.000 kg  
QTY: 100 PCS

**24: Accumulation mode - Complete RTC format III**

When the scale is unloaded in normal weighing mode, review the accumulated data by pressing [M+] key. Then, press [PRT|ETR] key. The scale will print:

DATE: 2012/08/19  
TIME: 14:20:21  
TICKET: No. 0003  
TOTAL ADD: 01  
TOTAL N.W: 1.000 kg

**25: Accumulation mode - Complete RTC format IV**

When the scale is unloaded in counting mode, review the accumulated data by pressing [M+] key. Then, press [PRT|ETR] key. The scale will print:

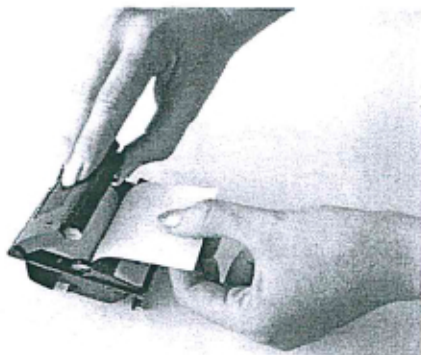
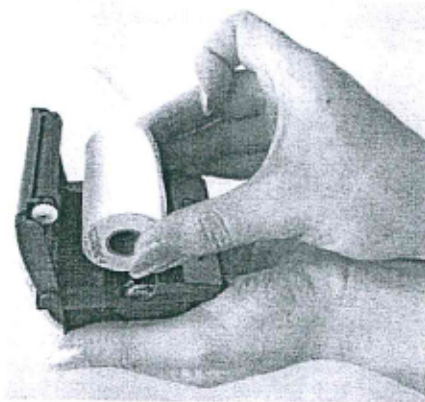
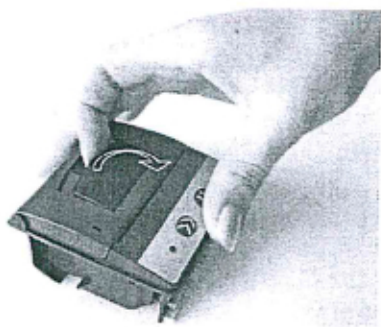
DATE: 2012/08/19  
TIME: 14:20:21  
TICKET: NO. 0001  
TOTAL ADD: 03  
QTY: 100 PCS

Notes about ISD710 print formats:

1. Users can select the weight units. The scale print the selected paper.
2. When select "lb" as weight unit, the scale can print English format only.
3. When the weight is negative or lower than 10d, the scale can not print.
4. Here are the references of some abbreviation.

G.W.	T.W.	N.W.	QTY
Gross Weight	Tare Weight	Net Weight	Quantity

## 6. Print Paper Replacement Instruction



## 7. Error Message & Trouble Shooting

LCD display appears	Reasons	Solutions
ADERR	The scale is unlevel, while turns on the scale or the load cell is defective	Ensure the scale be level when turns on or change another load cell
Battery Symbol	The battery is in low voltage	Charge the battery
"OL" (the scale beeps)	Overload	Lower the load weight