

## HZ3100N Instrument description –EN

Model series: ACS 、 TCS 、 SCS	Accuracy class: III Three-level
Degree: N=2000-15000	Index value: 1 、 2 、 5 、 10 、 20 、 50
Sensitivity of the input signal 0.15Uv/div	Input signal range: 1 ~ 15mV
Sensor excitation voltage: DC5V ± 5 %	Load capacity: 1 ~ 4 350 Ω sensors
Display: LCD LCD Display, 6 (Number) function indicates	Key: switches, zero, Peel, cumulative, printing, function
Protection class: IP65	Environment: 0 ~ 40 C ≤85%RH, storage -10~40°C
Functional interface (optional): RS-232 Serial port, switch interfaces, analog interfaces.	
Instrument power supply: AC 220V ± 10V/50Hz, 6V/4Ah Lead-acid batteries (optional)	

Basic functions: zero tracking intelligent Peel; have been peeled; cumulative weight; unit animal weighing; checked weight alarm overload / under voltage alarm; AC / DC power supplies.

### Functional operation

- 1、 **Switch on:** [ Switch ] key instrument post later display zero point to weighing State.
- 2、 **Shutdown:** In the power on State, press [ switch ] key 0.5 seconds instrument off.
- 3、 **Zero:** Empty if the zero point when the scale does not zero, you can press [ zero ] key to make it back to zero. Exceeds ±8d not zeroing operation when, just reboot.
- 4、 **Peel:** When empty scale, replayed on the scale platform, press [ Peel ] key the instrument zero tip "peeled", put displayed weight net weight. Remove the net and tare displays negative tare, press [ zero ] -back to zero point, exit tare state back to normal weight status.
- 5、 **Have been peeled:** When powering on the scale, press [ function ] button and then press [ Peel ] button, a ScreenTip XXXXXXKg, through [ skin ] keys = reset +, and [ the cumulative ] Keys = pre peeled right set data, and then press [ zero ] button to confirm back to weighing instruments show negative tare weight, on its zero point a normal weight. Press [ zero ] key to exit the normal weighing have been peeled.

- 6、 **Unit conversion:** Turned on, press [ function ] button and then press [ zero ] button toggles the display of the unit of weight, repeat cycle units grams **g** kilograms **kg** oz **oz** £ **IB** t **t** . Next time you boot show last set unit.
- 7、 **Today:** When powering on the scale, press [ function ] key and then press [ total ] key, display the "cumulative" prompt. Weight greater than 9 degrees above to be stable today, today up to 99 / cannot exceed the maximum display value, not continuous cumulative, aggregate data cannot be saved after shutdown!
- 8、 **Today show:** When powering on the scale, press [ function ] then press [ print ] key, the ScreenTip "AHH 02" cumulative frequency, shown later "XXXXXkg" cumulative weight, then go back to weighing State.
- 9、 **Cumulative removal:** Quickly press 2 times [ function ] button, you can clear all cumulative values.
- 10 And the **data printing:** after weighing-State weight stable, press [ print ] key data can be printed, but also send command data.
- 11 And the **checked weight:** set the top value in the function settings FUn-HA And under the limiting value FUn-H0  
And inspection function m is set to open ON, you can to check operation.
- 12 、 **Battery charging:** On-screen instructions when the battery symbol should be charging light gradually from red to green. Red indicates high current charging, yellow for micro-filling, green indicates the end of the battery, charge time is 8~12 hours. Long-term use of electronic scales, 3 must be charged once a month to avoid battery power shortage and damage.

## Instrument functions parameter setting

In off State press Function Button then press Switch Key, press Function Keys and Print Keys for function setting switch keys; Deduction is key figures, today keys is shifted to the right, press zero Keys for sure. From EXAT exit.

Display character	Setting project	Specific parameters
CAH	Weight calibration	Calibration values should be greater than 1/3 weighing
UnAt	Power on the unit	g / Kg / t / Ib / OZ Default Kg
FAH	Shock rating	1 / 2 / 4 / 8 Default 2
Aut	Timed shutdown	05 / 10 / 30 / 60 / no Default 60
HAH	Backlight function	Aut / ON / OFF By default, Aut
ZERO	Zero range	0/1/2/3/4/5 Default 2
bAud	Serial baud rate	300/1200/2400/4800/9600

<b>Prt</b>	Serial output mode	Co Continuous;St stablePr manual
<b>PErA</b>	Outside equipment	PC ;Tp-16;SH-25/26/27;LP-50
<b>tRA</b>	Zero tracking	on Off Default on
<b>A .t</b>	Automatic deduction	on Off Default off
<b>M</b>	Check switch	on Off Default off
<b>bP</b>	Check sound	3b/HI /OK/LO/no/
<b>FUn-HA</b>	Upper limit setting	Digital
<b>FUn-HO</b>	Limit setting	Digital
<b>rtC</b>	The clock setting <input type="checkbox"/>	(Optional)on Off default off
<b>dAtE</b>	Date setting <input type="checkbox"/>	(Optional)
<b>tAmE</b>	Time setting <input type="checkbox"/>	(Optional)
<b>Addr</b>	Address <input type="checkbox"/>	0/1/2/3/4/5/6/7/8/9
<b>rESt</b>	Restore the factory parameters	