

# SONIC HW



## Description

### Feature :

- Stainless steel housing and water proof
- Easy operation: 6 function keys
- LCD display with LED backlight : 6 digits
- Kilogram (kg) and pound (lb) weighing mode
- Switchable between weighing mode and simple counting (pcs) mode
- Switchable net and gross weight
- HI/OK/LO check weighing mode
- Hold function : peak hold, animal weighing hold, and another 3 model hold selectable
- High precision A/D conversion with readability 1/ 30000
- Call and display inner code to replace weight observing and analysis tolerance
- Set-up zero tracking range and zero (auto/manual) range
- Full range tare
- Gravitational calibration and 4 points linearity correction
- Low battery indication and auto power off at low battery
- AC/DC power supply with built-in rechargeable 6V/1.2Ah battery and standard 9v/500mA adaptor
- Optional serial communication interface RS 232 with selectable baud rate by continuous sending method ( can connect with Personal computer, score board and micro printer)

### Technical Parameter :

- A/D conversion method:  $\Sigma - \Delta$
- A/D conversion speed : 10 times/sec
- Display: 6 digits LCD, 5 status indications
- Power supply: AC 187~242V, 49 ~ 51 Hz ( adaptor 9V/500mA) and DC rechargeable battery 6V/1.2AH
- Operation temperature: 0°C ~ 40°C
- Input signal range: -2mV ~ 12mV
- Input sensitivity:  $\geq 1 \mu\text{V/e}$
- Load cell excitation: DC 5V
- Max. connection number of load cell: 4 at 350 ohm
- Load cell connection mode: 4 wire
- Max. external counts: 30000
- Division: 1/2/5/10/20/50 optional
- Optional serial interface RS 232 with selectable baud rate 1200/2400/4800/9600/19200, transmission distance:  $\leq 30$  meters