MechaTronic QAL indicator

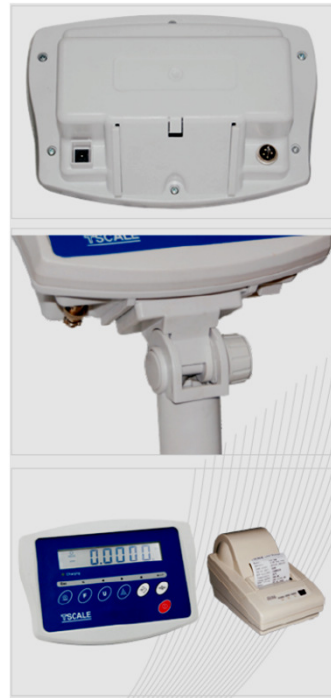## (Most versatile and affordable weighing indicator of its kind)

Function:

- Animal weighing
- Accumulating
- Parts counting
- Weight hold
- Weight checking
- Pre-set tare

Feature:

- High Σ-Δ A/D conversion technology; A/D conversion with readability 1/40000;
- Low power consumption, brightness(LED) and backlight (LCD) mode selectable;
- Zero-tracking range, Zero range (manual/auto) setup;
- Units: Kg, lb., two customized units;
- Zero range 0mV~8 mV;
- Display 6 bits 1'LCD, 21 status indications; or display 6 bits 'LED, 9 lights
- Interface RS232C, 1200/2400/4800/9600/19200 bps;
- Power supply AC 220~240V (110V optional) 50/60Hz;
- built-in rechargeable battery 6V 1.3 AH;
- Load cell excitation 5V/ Max 150 mA;
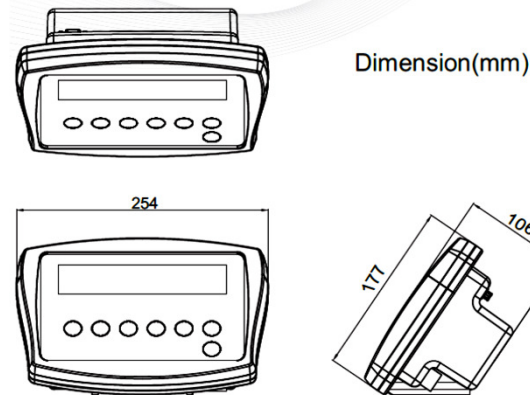- Load cell connection up to 4 at 350 ohm.8 at 710 ohm

Digital Junction box

Analogue load cell — Digital junction box

——converts signals from analogue load cells into digital ones.

Digital Junction Box converts signals from analogue load cells into digital ones, then further process these digital signals into meaningful readings like weight and totalized AD counts according to predefined parameters given to it. Samples of these parameters are capacity, division, decimal place, filter, auto zero tracking speed, weight units etc.

Dimension(mm)

254

177   106.5

Protocol format:

Format of string : AA,BB,CXXXXXX,YY<CR><LF>

AA: when stable weighing, AA=ST ; otherwise, AA=UT
BB: when it is tare state, BB=NT otherwise, BB=GS
C: when the weight is positive, C=space, otherwise, C='-'
XXXXXXX=data of weight , YY='kg'

Shine-C Remote Display

17:46:58 NO SIGNAL

CE

Display Height 140mm

weighing scoreboard
#1 RS232 : baud rate 9600bps to connect PC;
#2 RS485/232 baud rate 1200,2400,4800,9600,19200,38400 optional
    Wireless optional

Text display :
#All number, English words and symbol type from PC keypad
#Display Year ,Month, Date and time
#Customized 20 tests

Indicator function: Connect to HANDFREE digital junction-box ,remote display acts as indicator

ACCESSORY

Little **Wireless box** (indicator to display)

Sh InE

- Antenna
- DC5-9V power supply
- Connector for RS232
- Size: 11 X 7 X 3 cm

- One pair of wireless box: one for transfer and one for received
- can be used for any indicator to any remote display with RS232 communication
- Baud rate can be chosen before deliver . (according to the indicator and display)
- 5-9V you can be supplied from outer or supplied by indicator PCB

SS Since 1988