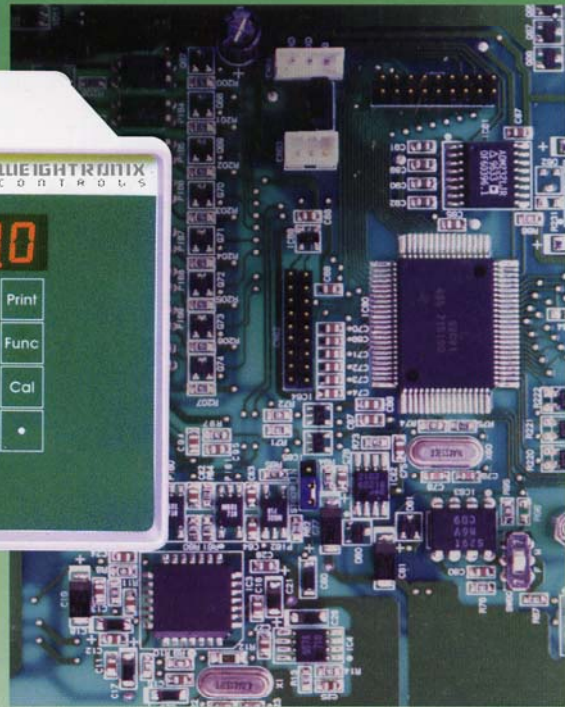
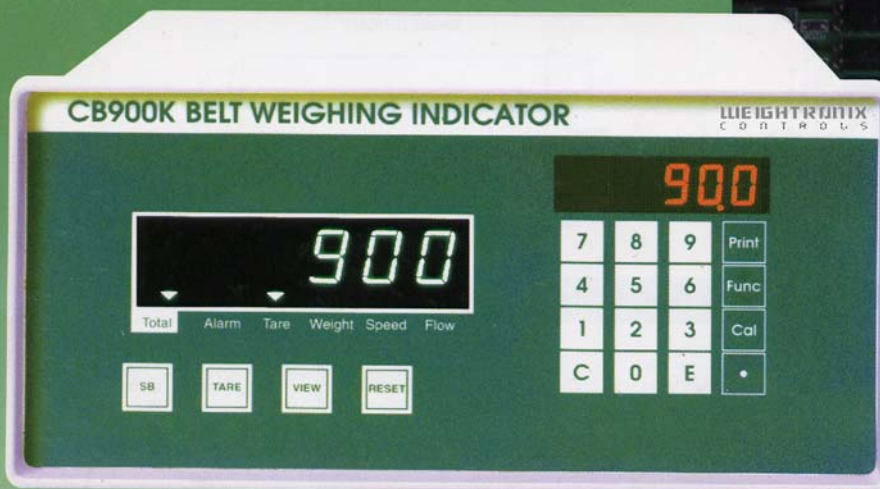


CB900K Belt Weighing Indicator

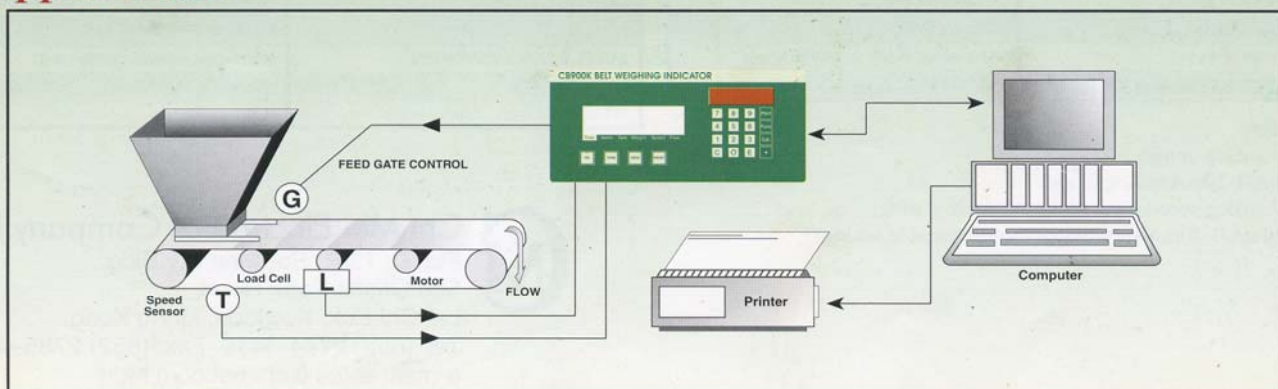


CB900K is designed using the latest SMT technology and made in Japan. Built-in weigh indicator and tachometer made it possible to show the flow rate in single instrument. Built-in RS232 or RS485 interface for report printout or multi port communication. 2 built-in remote display output port. CB900K is suitable for various kinds of application such as bulk packed material incoming and outgoing stock control for food processing, mining, metallurgical, chemical and tobacco industry.

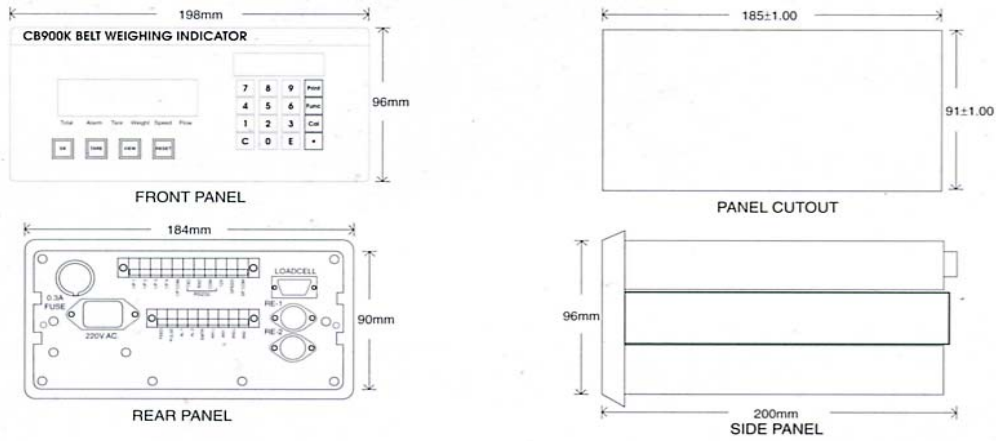
Features

- Dual display - showing total and a selectable data such as flow rate, speed, weight...etc
- All data are protected even power down
- Built-in pulse input for speed
- Optional current or voltage input for speed
- Standard RS232 or RS485 interface selectable
- Suitable for all kinds of strain gauge type load cell
- Feed gate control is provided
- Pulse output for total
- Automatic dynamic tare
- Four photo coupler input are provided
- Two alarm output are provided
- Optional current or voltage output are selectable
- User selectable parameter for analog input and output
- All data can be modified by using computer
- Real time clock calendar is provided
- Flow rate adjustment is possible
- Flow rate linearization for non-linear system
- Keyboard is provided to simplify operation
- Load cell input sensitivity is selectable
- Load cell input A/D conversion speed up to 50 times/second
- Keyboard lock to avoid unauthorized personnel to access the system

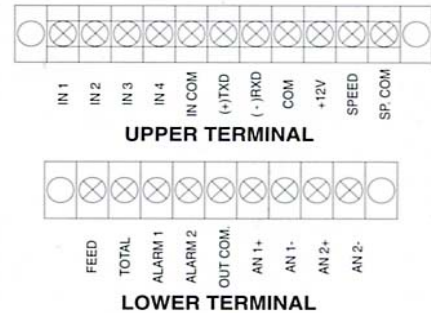
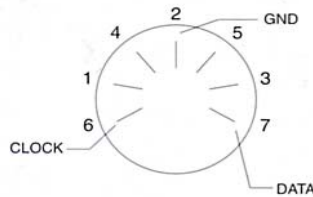
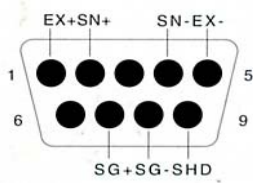
Application



DIMENSION



Connecting Diagram



SPECIFICATION

| | |
|--------------------------------|---|
| MAIN SUPPLY | 110V or 220V AC selectable, 50/60Hz |
| POWER CONSUMPTION | 9VA |
| LINE FILTER | Built-in |
| OPERATING TEMPERATURE | 0°C to 50°C (32°F to 122°F) |
| RELATIVE HUMIDITY | 90%, non-condensing. |
| REAL TIME CLOCK CALENDAR | Built-in |
| NUMERIC KEYBOARD | Built-in |
| DISPLAY | 13mm Fluorescent tube(6 digits) 10mm, LED (6 digits) |
| LOAD CELL TYPE | All strain guage type |
| LOAD CELL SUPPLY | 10V, 180mA |
| LOAD CELL INPUT SENSITIVITY | 0.7m V/V to 2.1m V/V OR 1.9m V/V to 3.0m V/V |
| ZERO POINT ADJUSTMENT (WEIGHT) | Range from 0.04-11mV(low gain) 0.04-14mV(high gain) |
| STEP WIDTH FOR WEIGHT DISPLAY | 1, 2, 5, 10, 20 or 50 |
| CONVERSION RATE | 50 times/second |
| SCALE RANGE | 500 to 100,000 |
| SPEED INPUT TYPE | Pulse input, 0-10V or 0-20mA |
| SPEED INPUT SENOR SUPPLY | 12V, 50mA |

| | |
|---------------------------------|--|
| MAXIMUM INPUT FREQUENCY | 20kHz |
| PULSE OUTPUT | 1 tonne per pulse. |
| DIGITAL INPUT | built-in 4 digital input (function selectable) |
| ALARM OUTPUT | built-in 2 digital output (function selectable and logic selectable) |
| FEED GATE CONTROL OUTPUT | built-in digital output control for dynamic tare and emergency stop |
| DIGITAL OUTPUT DRIVING CAPACITY | open collector output, 80V0.3A |
| BUILT IN RS232/RS485 | 300, 2400, 4800 or 9600 baud selectable. 7 or 8 data bit selectable, even, odd or none parity bit selectable. |
| REMOTE DISPLAY OUTPUT PORT | 2 built-in port for Flow rate, speed, total, weight or tare weight. Serial BCD data output |
| ANALOG OUTPUT | 2 optional output for Flow rate, speed, total or weight 0-10V, 0-20mA or 4-20mA |
| SUPPLIED ACCESSORIES | Instruction manual, power cord, |
| DIMENSIONS | 198mm(W) x 96mm(H) x 200mm(L) |
| WEIGHT | 2.5kg approx. |

Options

- * 0-10V analog output
- * 0-20mA/4-20mA analog output
- * 0-10V analog speed input (programmable setting)
- * or 0-20mA/4-20mA speed input (programmable setting)

WEIGHTRONIX
CONTROLS

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