

FEATURES

- ❑ Multi-mode operation
- ❑ User friendly
- ❑ Modular construction
- ❑ Standard DIN cutout
- ❑ Diagnostics
- ❑ Smart calibration
- ❑ Batching application
- ❑ Backlit LCD displays, for viewing in any condition
- ❑ Field programmable for load cell type or arrangement



Model BC1000 is a microprocessor based weight indicator cum batch controller. It is an accurate and versatile instrument for all weighing applications, providing powerful features and an user-friendly interface. It has three modes of operation namely Weight meter, Level controller and Batch weight controller. Complete system calibration from front panel, password protection for all parameter settings, provision of hardware and software watchdog to constantly monitor system integrity, high / low weight alarm output and high reliability are some of the facilities provided by BC1000. Its versatile programming capabilities enable it to be configured for any weighing application. Inventory control, process plants, batching and packaging are some of the applications of weight indicator & controller.

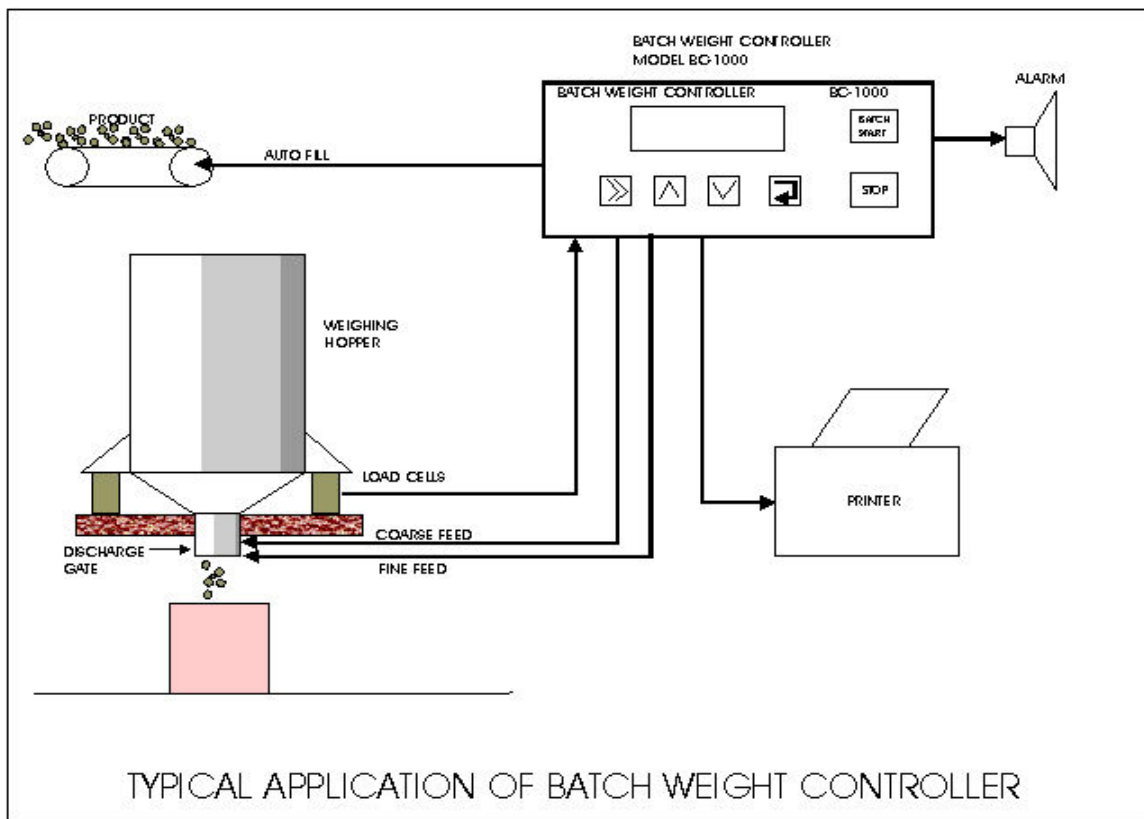
SPECIFICATIONS:

Load Cell Excitation	:	5V +/- 0.5V, 4 X 350 Ohms load cells.
Interconnection Cable	:	4 wire screened cable, three meters max
Input Range	:	3mV/V maximum
Sensitivity	:	0.75 microvolts / digit
Resolution	:	Upto 20,000 Counts
Display	:	2 Lines X 16 Character backlit alphanumeric LCD.
Display Range	:	0 to 20000
Over/Under Capacity Annunciation	:	Displayed as ' +/- OR'
Polarity Indication	:	Displayed as "-" sign
Leading zero blanking	:	Standard
Decimal Points	:	Programmable as 88888,8888.8,888.88,88.888,8.8888
Digital Filtering	:	Programmable digital filter
Front Panel switches	:	Six tactile feedback membrane switches - NEXT, UP, DOWN, ENTER, BATCH START & STOP
Front Panel Annunciation	:	Program Mode & Alarm
Digital Inputs	:	4 Nos., Industry standard 24 DC logic inputs compatible to a host of standard sensors and switches

contd. specifications:

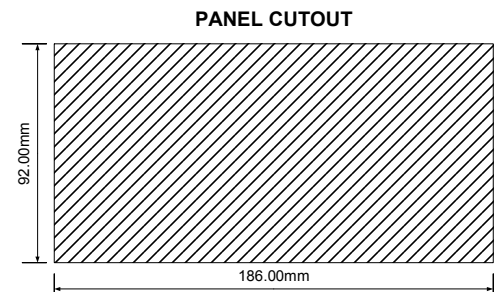
Outputs	:	4 Nos. Heavy-duty potential free relay contacts, rated at 5 Amps, 230 V AC resistive
Real Time Clock	:	Integrated battery backed RTC incorporating Day, Date, Year and Time.
Memory	:	Non-Volatile EEPROM
Serial Output	:	Full duplex RS-232 port, for printer or communications with host computer
Input Power	:	230 V AC, 1 Ph and Earth
Power Consumption	:	5 VA Maximum
Ambient Temperature	:	0 to 55 Deg C Maximum
Ambient Humidity	:	Upto 90 % RH non-condensing
Overall Dimensions	:	190 (W) X 96 (H) X 130 (D)
Panel Cutout	:	186 (W) X 92 (H), DIN Standard
Gross Weight	:	2.2 Kg approx

APPLICATION:



ORDERING CODE: BC1000 -

Function
FS = Standard



SAMPLE CODE ORDER:
BC1000 - FS
 Standard Batch Weight Indicator and Controller