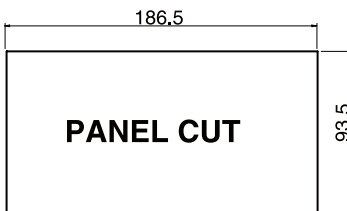
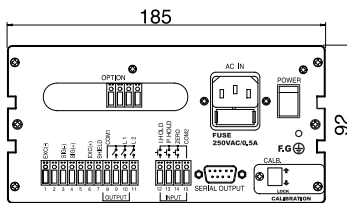
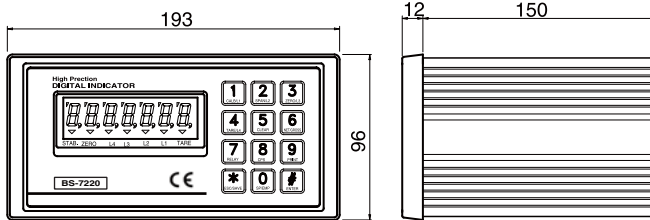


## Model BS-7220 Series

### High Performance Digital Indicator



#### ORDERING INFORMATION

**BS-7220 - 1 0**

MODEL

Output

- 0 : RS-232C Serial Output (Standard)
- 1 : RS-422, 485 Serial Output (Option)
- 2 : Current Loop (Option)
- 3 : DC 0~10V Analog Output (Option)
- 4 : DC 4~20mA Analog Output (Option)
- 5 : BCD Parallel Output (Option)

Operating voltage

- 1 : 110V, 50/60Hz
- 2 : 220V, 50/60Hz
- 3 : 230V, 50/60Hz

For:

- Industrial weighing applications
- Force, pressure & torque measurements

Features:

- 24 Bit sigma-delta A/D converter for high accuracy
- 2 Set point relay output
- Full digital calibration
- Simulative(mV/V memory) or live load calibration
- Peak hold and remote auto zero,tare
- High brightness VFD display
- RS-232C interface

#### SPECIFICATIONS

Analog signal Input range	-1mV ~ +34mV
Non-linearity	0.01% F.S. max.
Max. display resolution	1/20,000
Min. input sensitivity	0.3 $\mu$ V/Digit
Temperature Drift	Zero : $\pm 0.2\mu$ V/ $^{\circ}$ C RTI max. SPAN : 20ppm/ $^{\circ}$ C max.
Load Cell Excitation	DC 10V , 300mA (350 ohm x 8 load cell)
Input noise	$\pm 0.3\mu$ Vpp
Input impedance	10M $\Omega$
A/D converter	24bit sigma-delta
A/D internal resolution	1/200,000
A/D Sampling speed	50 times/sec
Display	VFD, 7 segments green, 13mm high
Display speed	50times/sec ~ 2times/sec
Polarity indication (-)	"-" Minus sign
Annunciators	Stable, Zero, L1, L2, Tare
Display increments	1,2,5,10,20,50,100,200-selectable
Decimal points	Selectable to any points
Operating Voltage	AC 110, 220V $\pm 10\%$ , 50/60Hz
Power Consumption	Approx. 20VA
Operating Temperature	-10 $^{\circ}$ C ~ 40 $^{\circ}$ C
Output	Standard RS-232C serial output Options 1) RS-422/485 (Serial output) 2) Current loop 3) DC 0~10V (Voltage output) 4) DC 4~20mA (Current output) 5) BCD Parallel output
Weight	Approx. 2.5kg

\* Specifications are subject to change without notice

APR, 2013