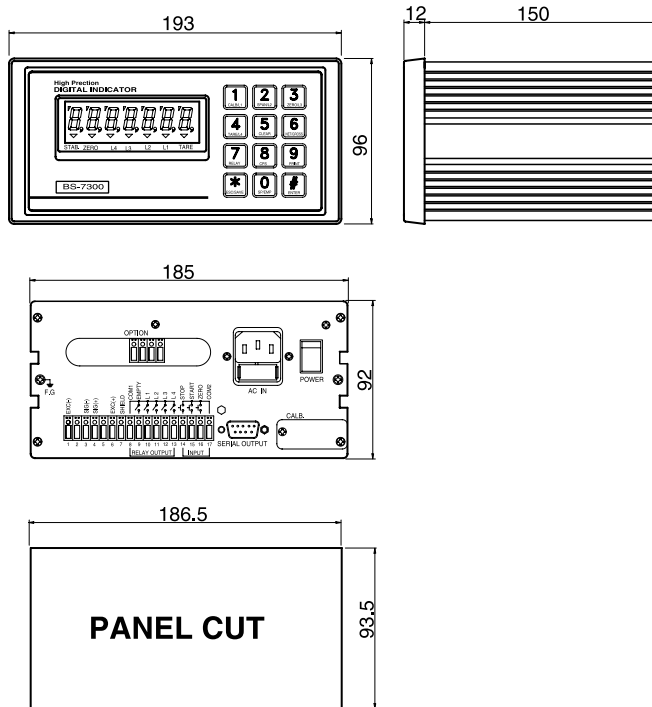


# Model KBS-7300

## High Performance Digital Indicator



ORDERING INFORMATION	
<b>KBS-7300 - 1 0</b>	
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

### For:

- Industrial weighing applications
- Force, pressure & torque measurements

### Features:

- 24 Bit sigma-delta A/D converter for high accuracy
- 4 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	0.3μV/Digit
Temperature Drift	Zero : ±0.2μV/°C RTI max. SPAN : 20ppm/°C max.
Load Cell Excitation	DC 10V , 300mA (350 ohm x 8 load cell)
Input noise	±0.3μVpp
Input impedance	10MΩ
A/D converter	24bit sigma-delta
A/D internal resolution	1/200,000
A/D Sampling speed	30 times/sec
Display	VFD, 7 segments green, 13mm high
Display speed	50times/sec ~ 2times/sec
Polarity indication (-)	"-" Minus sign
Annunciators	Stable, Zero, L1, L2, L3, L4, Tare
Display increments	1,2,5,10,20,50,100,200-selectable
Decimal points	Selectable to any points
Operating Voltage	AC 110, 220V ±10%, 50/60Hz
Power Consumption	Approx. 20VA
Operating Temperature	-10°C ~ 40°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

DEC, 2006