

GST-9600R with 4 set-points Relay Output



GSC knows what you are looking for a weighing indicator **ACCURACY**

DEPENDABILITY in environment, up-to-date features for fast and trouble-free use- all at a reasonable price. The new GST-9600R weighing indicators fulfill these requirements. Build to meet or exceed CE, Canadian, The U.S and other various regulations, these tough dependable indicators shall impress you with their performance and ease of handling.

* 70 times/sec conversion rate:

70 times/sec conversion speed give greater cutoff judgment accuracy, making the GST-9600R unrivalled when very rapid sampling is required.

* 15,000 division display resolution:

High 1,000,000 counts internal resolution, and a 15,000 display resolution deliver precision far most demanding applications.

* RFI./EMI Screened:

The analog front-end, and A/D conversion circuit are shielded by an internal sealed metal case for high immunity against RFI/EMI interface and approved by CE regulations.

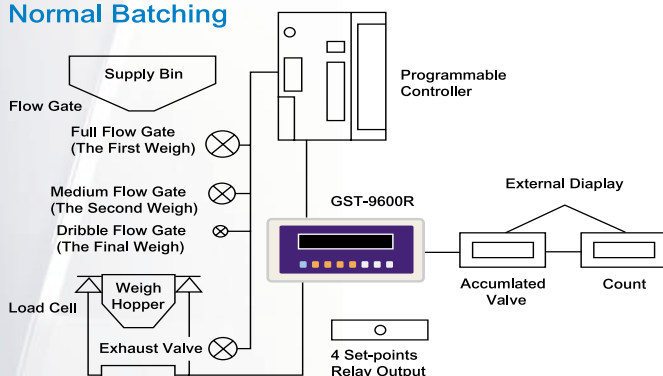
* Standard Double RS-232

The Double RS-232 can be connected to virtually any computer, printer or other peripheral at the same time.

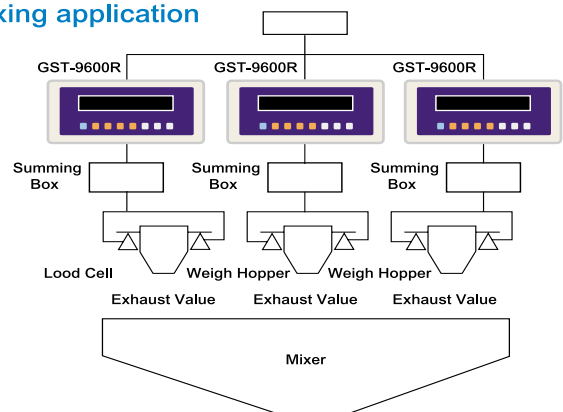
* 4 Set-Points Relay Output

The GST-9600R is suitable for hopper scale, packing scale and batching system.

Normal Batching



Mixing application



GST-9600 Weighing Indicators

Accuracy, Performance and Dependability ...



* 10,000 division display resolution:

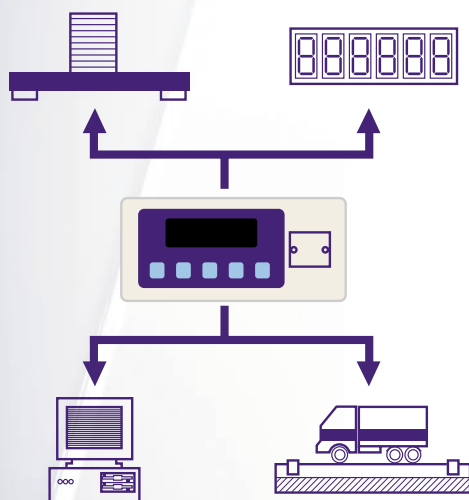
High 100,000 counts internal resolution and a 10,000 display resolution deliver precision for most demanding applications.

* RFI/EMI Screened:

The analog front-end, and A/D conversion circuit are shielded by an internal sealed metal case for high immunity against RFI/EMI interference and approved by CE regulations.

Options:

1. Parallel BCD output.
2. Analog output 0-10 V or 4-20 mA



* Standard Current Loop:

The serial output connector can output data to a remote printer and remote display. GSC manufactures a number of excellent remote display such as the GRS-5110 and GRS-6110 and GRS-7110.

* Capable of driving up to 8 loadcells

Loadcell excitation voltage of 12 VDC with the capability of driving up to 8 loadcells (350 ohms).

Specification:

Load cell excitation	10 VDC \pm 5%
Load current	280 mA (max.) 8 (350) ohm load cells max.
Input sensitivity	0.6 uV/ D to 120 uV/ D
Zero adj. range	0.35 mV to 24 mV
Span adjustment	full digital calibration
Input impedance	10 M Ω
Display resolution	10,000
A/ D resolution	100,000 counts
A/ D conversion rate	7 times/ sec.
A/ D conversion method	3 phase tare integrating dual-slop type
Under zero indication	"—" sign
Non linearity	+0.01% of full scale
Temp. coefficient	zero... \pm (0.2 uV \pm 0.0008% of the initial offset voltage) $^{\circ}$ C span... \pm 5 ppm/ $^{\circ}$ C of reading
Power source	100, 110, 220, 240 50/60 Hz (factory installation)
Net weight	approx. 4.0 kg
Operating temperature	-5 $^{\circ}$ C to +40 $^{\circ}$ C
Operation humidity	95% RH max. (non-condensing)
Physical dimensions	250 (W) x 210 (D) x 131 (H) mm
Panel cutout dimensions	232 \pm 1.0/ -0 (W) x 121 \pm 0.8/ -(H) mm

GSC

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