

# GS1750 100/sec High Speed Digital Weight Indicator



The **GS1750** is a high speed, high performance microprocessor based digital weight indicator.

It was designed specifically for use in a wide range of industrial weighing, batching, process and SCADA control applications.

The basic GS1750 comprises a load cell amplifier and A/D converter, a CPU watchdog circuit and a front panel keyboard display all under control of the microprocessor CPU.

## FEATURES:

### 8,000 Divisions Display Resolution.

48,000 Count Internal resolutions. Can be setup in weight increments of 1, 2, 5, 10, 20, 50.

### Master and Alternative Update Rate.

Allows any installation to be accurately weighed and batched by using both the Master update at 6/12/25/50 or 100/s and Alternative update 6/12/25 or 50/s setting.

### Ease of Installation.

The GS1750 uses fully automated on-site weight calibration and front keyboard setup. Tens of thousands of users World Wide report it as still the WORLD LEADER in simplicity of installation.

### Designed to withstand the Heat.

Unlike miniature weight indicators having high component densities, which could make them prone to overheating, the GS1650Mk3 RUNS COOL, due to its purpose designed generous layout that enhances heat dissipation.

### Stainless Steel IP65 Enclosure.

For the ultimate in harsh environment protection, the GS1650Mk3 can be supplied in an optional Stainless Steel IP65 rated enclosure, the SE02.

### Full Range of Option Cards.

BR2/2 Time and Date, Parallel BCD output 12/14 Bit Analog 4-20Ma and 0-10VDC outputs Serial Outputs of RS232, RS422, RS485 and 20mA Current Loop. Optically Isolated RS232, RS422, and RS485 Serial Input/Outputs. Both Dual & Simultaneous Output & Input Cards.

### Fully Compliant.

Meets the latest Australian and European EMI/RFI immunity and emission standards and is also fully Y2K compliant.

### 100% Tested.

EACH GS1750 is 100% tested including one day in our temperature chamber between -100 C and +400 C to assure you of its accuracy and thermal stability better than 7.5 parts per million/oC.

*Since 1978 Gedge Systems has been Australia's Leading Manufacturer of High Accuracy Weighing Electronics*

CE 89/336/EEC (EMC) N1840



**GEDGE SYSTEMS** 488 Church Street, Richmond 3121 Victoria, Australia.

E-mail: [info@gedgesystems.com.au](mailto:info@gedgesystems.com.au)

+61 3 9429-8396

+61 3 9429-8097