

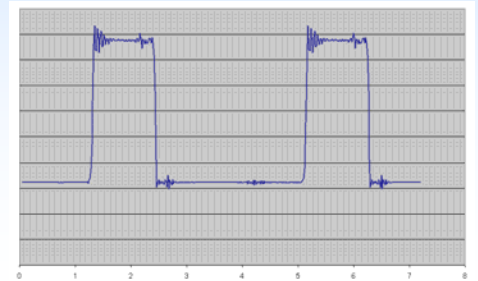
## AXLE WEIGHING SYSTEM

The system provides individual axle weights and total vehicle weight

Dynamic or static operation

Configuration tool for set up optimisation

## GSE 60-SERIES APPLICATIONS



Trace of test data in spreadsheet configuration tool

## FEATURES

### AXLE WEIGHING

- The system can be configured to detect the passing of each axle automatically to provide dynamic measurement with the vehicle in motion.
- Alternatively, manual operation can be selected with the operator recording each axle weight through the keypad or external button.
- The number of axles can be preset, manually keyed in for each vehicle, or automatically detected on a time out setting.
- Vehicle weighing can be by gross weight, 1st/2nd weight, stored tare or preset tare.

### OUTPUT

- The weight of each axle and the total vehicle weight is displayed on screen and transmitted as serial output to a printer or PC.

### CONFIGURATION

- For dynamic weighing, the system can be configured to specify delay times and sample times to achieve optimum performance, balancing accuracy with the maximum vehicle speed that can be accommodated.
- A unique PC-based configuration tool is provided that enables analysis of high resolution data from dynamic test runs to determine the optimum settings.

### CUSTOMISATION

- As the GSE 60 series is a totally programmable terminal the standard system can be customised to suit the actual operation and any additional requirements.

**MINIMUM REQUIREMENTS**

GSE 562 indicator with 32KB FRAM and dormat platform

Sample time is recommended to be set to a minimum of 0.2 seconds with 0.1 second settling time on both entry and exit giving a minimum transit time of 0.4 seconds. This equates to a maximum vehicle speed of around 6km/h (approx 4 mph) for a 700mm platform

**STANDARD SPECIFICATION (GSE 562)**

Resolution	1,000,000d internal, 100,000d displayed
Signal Input Range	0.1 - 20 mV/V
Operating Temperature	-10° to 40° C (14° to 104° F)
Time/Date Clock	Non-volatile with selectable formats
Power Requirement	AC:90-250 VAC, 50/60 Hz; DC: 10-32 VDC
Excitation Voltage	10 VDC short circuit protected; 400mA, max to power (14) 350 ohm load cells
Number of I/O	32
Port 1	RS232 Full Duplex or RS485 Multi-drop optional or 20mA Current Loop optional
2 Further Ports	Full duplex RS232
Display	LCD, graphic 8 line x 40 character backlit
Universal Enclosure	Stainless Steel IP66
Dimensions	27.98 cm (W) x 22.76 cm (H)

**OPTIONAL EXTRAS**

- Extra memory (32KB standard) 256KB
- External PS/2 keyboard adaptor
- External PS/2 keyboard
- External IP65 "Mushroom" button for static weighing
- RS485 /RS422 / Ethernet adaptors
- Radio modems for wireless communications

**Your local distributor is:**

