

## BENCH SCALE AVERAGE WEIGHT SYSTEM

# GSE 60-SERIES APPLICATIONS

Designed to enable a packer to comply with average weight legislation

Immediate results with operator prompts for mean or standard deviation values outside limits

Trend graph of historical results



```
Sample results
=====
Product: Paint11
Batch: 128
Sample: 1
07:40 18/03/05
Operator: JDS

182.3 g
181.7 g
184.5 g
183.1 g
185.6 g

SampleMean: 183.44 g
SampleSD: 1.60 g
n<T2: 0
n<T1: 0

Sample check: n/a

Sample in limits

CURRENT BATCH:
Target 180 g
BatchVar 3.4 g
Cusum 3.4 g

Batch mean: 183.4 g
```

## FEATURES

### PRODUCT SELECTION

- Products and associated data are stored in memory.
- Operators can select products by ID number or by picking from a list on screen.
- Batch number and line number information can also be input by the operator to aid traceability.

### SAMPLING

- The system is configurable to specify the number of items per sample and will prompt the operator accordingly.
- As each item is weighed it is automatically detected and recorded in the memory, prompting the operator for the next item.
- At the end of each sample the mean and standard deviation are calculated and the operator prompted if they exceed pre-defined limits.

### DATA OUTPUT

- Sample and batch data can be output to a printer and / or PC.
- Sample data can include individual item weights and give sample summary results and running batch figures.
- Alternatively, data can be stored in memory for mass download at the end of a production period.

### PRODUCT EDITING

- The list of products in the memory can be edited either through the scale, on a host PC in a text file and downloaded or using GSE Wedge™.

### CUSTOMISATION

- As the GSE 675 is a totally programmable terminal, the standard system can be customised to suit the actual production operation and any additional requirements.

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AVERAGE WEIGHT  
SYSTEM**

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## MINIMUM REQUIREMENTS

GSE 675 programmable bench scale with 256KB memory module

## 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; Internal rechargeable battery option
Excitation Voltage	10 VDC short circuit protected; 400mA, max to power (14) 350 ohm load cells
Port 1	RS232 Full Duplex or RS485 Multi-drop optional or 20mA Current Loop optional
Further Port	Full duplex RS232
Display	LCD, graphic 16 line x 40 character backlit
Universal Enclosure	Powder coat cast aluminium
Dimensions	36.5 cm (W) x 44.0 cm (D) x 14.3 cm (H)

*Number of products is dependant on the size of memory installed*

## OPTIONAL EXTRAS

Extra memory (256KB standard) 1MB, 2MB  
RS485 / RS422 / Ethernet adaptors  
Radio modems for wireless communications  
Internal rechargeable battery

**Your local distributor is:**