

## 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

Output to printer or PC with sample and running batch data



562 shown complete with scale base and radio modem link to host PC

```
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 60 series 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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### MINIMUM REQUIREMENTS

GSE 562 Indicator with 256KB memory module and scale base

### 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)

*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

Your local distributor is: