

GSE Range  
of Bench  
Scales

# GSE Bench Scale

A TRUE INDUSTRIAL BENCH SCALE FOR  
WET AND HARSH ENVIRONMENTS

**2 YEAR  
WARRANTY**

**IP-68**

**Display  
LCD or  
LED**

**Optional**  
LCD or LED  
Dura Shield  
Battery  
RS-485



Associated Scale Service Pty Ltd  
Ph: +61 (0)7 3272 0077  
Email: [info@associatedscales.com.au](mailto:info@associatedscales.com.au)  
Web: [www.associatedscales.com.au](http://www.associatedscales.com.au)



## Applications

### Food Industry - Manufacture and Pre Pack

*Quick and Accurate weighing with the benefit of an easy cleaned stainless steel scale. Battery option allows for remote use. Over rated load cell protects the scale from damage caused by working quickly and roughly*



### Poultry Product Producers - Manufacture

*Great protection from water ingress. The optional Dura Shield allows for protection from wear and sharp implements. Quick response times are essential in this environment.*



### Meat Product Abattoir

*Great protection from water ingress. Over rated load cell allows for harsh use with a quick response time with accuracy for the weights gathered assured. Able to upgrade the indicator to allow for ProfiBus, Device Net and most other communication protocols.*



### Chemical and Oil Manufacturers

*Battery option allows for remote use allowing the scale to be used in different sections. As the system is also manufactured for both harsh environmental and physical use, the GSE Bench scale is design for this industry. Easily cleaned and meets the hygiene requirements.*



### High Dust and Abrasive Industries

*There are 2 major issue with high dust environments: Firstly the PCB in the indicator gets contaminated and when there is high humidity the dust absorbs the moisture and causes the scale to drift. With a fully protected indicator this dust does not get onto the PCB. The second issue is wear on the keyboard and scratching of the display, which are protected by the optional Dura Shield*



### Laboratory - High Hygiene Requirements

*With the scale being fully stainless steel and the Dura Shield being able to be replaced when damaged at a very low cost, cleaning contamination becomes a relatively simple task.*



**Dura Shield (Optional)**- A protective cover that is adhered to the front of the GSE indicator.

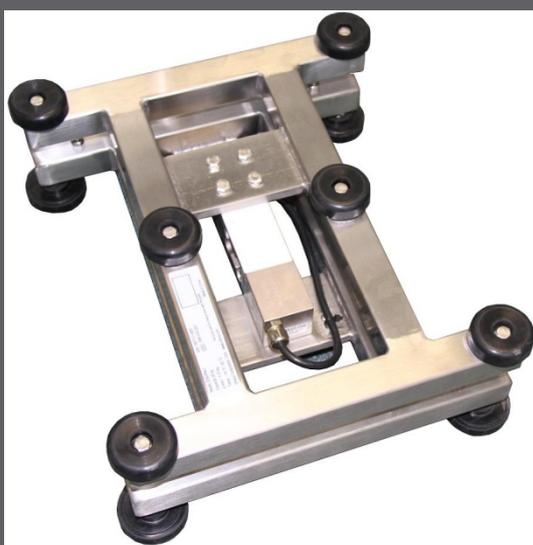
- Reduces Damage from sharp objects
- Protects labels
- Protects display
- Reduces wear on keypad
- Protects from Contamination around the display,



**Pressure Valve (Standard)** - The white plug in the grommet is a pressure valve which allows the indicator internally to be the same pressure as the atmosphere.

(This pressure difference is caused by changes in temperature)

The pressure differential is the main cause of indicator failing on the water protection.



The bases used with the GSE system are fully Stainless Steel which includes the load cell.

## GSE Scale

Model	Capacity	Base Size	Trade
GSE-B-3	3kg x 0.001kg	254mm x 254mm	Yes
GSE-B-6	6kg x 0.002kg	254mm x 254mm	Yes
GSE-B-15	15kg x 0.005kg	305mm x 305mm	Yes
GSE-B-30	30kg x 0.01kg	355mm x 305mm	Yes
GSE-B-60	60kg x 0.02kg	355mm x 305mm	Yes
GSE-B-60L	60kg x 0.02kg	550mm x 420mm	Yes
GSE-B-150	150kg x 0.05kg	550mm x 420mm	Yes
GSE-B-300	300kg x 0.1kg	650mm x 500mm	Yes

### Options:

- Dura Shield
- Internal Rechargeable Battery (LCD Display version only)
- LED or LCD Display
- Relay Out Put
- Analogue Out Put
- RS485 Module

### Specifications:

Base Construction	Stainless Steel
Load Cell Construction	Stainless Steel
Over Load	All bases have 150% overload protection
Display Type	Optional - LCD or LED
Display Size	LED - 6 Digit 22mm LCD - 6 Digit 25mm Both with annunciators for operational status
Communication - Standard	RS-232 Bi Directional Serial
Power	90 - 240 VAC 50Hz or 60Hz 12 - 36 VDC
Warranty	1 year - Standard 2 years- With Dura Shield Fitted at all times

Associated Scale Service Pty Ltd  
 Ph: +61 (0)7 3272 0077  
 Email: [info@associatedscales.com.au](mailto:info@associatedscales.com.au)  
 Web: [www.associatedscales.com.au](http://www.associatedscales.com.au)