

G1000 Checkweigher

Multi-purpose checkweigher for general packaging applications



Key Features and Benefits

- Accurate down to 0.5g (depending on application).
- IP66 stainless steel construction.
- Ideal for wrapped product.
- Up to 180 packs per minute.
- Up to 500 production programs including T1/T2 average weight.
- Choice of reject systems.
- Left or right hand flow direction to suit plant layout.
- Waterproofing to better than IP66 protection.
- Easy belt removal to facilitate cleaning.
- USDA approved conveyor belts.
- Meets requirements of EC Machinery Directive (sec. 2.1).
- Operating temperature range of 0°C to 30°C.
- Comprehensive set of data printouts to remote RS232 printer.
- On-screen help system for operators and engineers.
- Full networking capabilities for data capture to a remote PC.



G1000 Checkweigher

The AEW Delford Systems **G1000** is a versatile, cost-effective checkweighing system for a wide range of general packaging applications – from food to pharmaceuticals.

Robustly constructed from stainless steel to IP66 with food quality belts throughout, the **G1000** is designed for easy cleaning – by wiping down or low pressure hose.

Ideal for wrapped products, such as ready meals, the unit can be adapted to handle a variety of items at throughputs up to 180 packs/min.

The **G1000** can be customised to suit your product and its handling characteristics. A range of reject devices is available to suit your products, including drop flap, deflector, air blast and pusher.

A sensitive, shockproof weigh cell and independently driven weigh table assure consistent weighing down to an accuracy of 0.5g with the option of average weight or minimum weight operation.

Designed for ease of operation, the **G1000** features a 500 program memory for fast product changeover.

The **G1000** combines quality engineering for reliability and sophisticated software for user-friendly programming and operation.

Integrated Systems

The **G1000** Multipurpose Checkweigher can operate as a stand alone machine or it can be integrated with a range of manual or automatic production lines.

Optional features

- Integral metal detection
- Flipper reject mechanism (pulsed or latching)
- Drop/lift flap reject mechanism (pulsed or latching)
- Pusher reject mechanism
- Impulse control to line dividers/diverters
- Connection to networked management information system (RMS)
- Warning siren for consecutive rejects or system errors

Technical Information

Dimensions

Line height range 800–1100mm with standard legs

Weight 200kg (typically)

Weighing

Weigh table size 500mm as standard.

Other sizes on request

Weight ranges to suit different products:

0.5g 40–999g, 1g 80–2000g, 2g 160–4000g

Higher weights available up to maximum of 20kg

Conforms to OIML R51

Fully live weigh table

Auto zero tracking

Services

120/230V 1 phase or 208/415V 3 phase and neutral, 50/60Hz

Clean, dry compressed air for outfeed reject unit if required (typically 4–5 bar, 10 l/min)

