



Defiant Baggage Scales



Defiant Baggage Check-in scales

The Defiant Weighing baggage check-in scales, now offered by Procon Engineering Ltd, are equally suited for new airport projects or retrofit into existing installations. The wide range of standard configurations are complimented by the ability to provide special systems, for use with unique check-in desk designs.



Standard and out-of-gauge weigh scales are provided for either stand-alone or baggage handling conveyors. All scales are state of the art electronic types using high reliability load cells as weight detectors. Out-of-gauge weigh scales cater for oversize baggage and those installations where increased weighing capacities are required. We have successfully also incorporated these weigh scales within X-ray scanning check-in's.

Scales are available with totalisation and bag counting facilities to enable multiple bag weights to be accumulated per passenger or group of passengers. The scales can be equipped with a data link to communicate weight information to the airports central management computer or PLC system.

This brochure illustrates the Procon Engineering approach and details the standard designs. It is possible to provide weigh scales with different dimensions and capacities, and with specially configured readout displays. Please inform us of your detailed requirements.

We have over twenty years experience in supplying Defiant baggage weigh scales. These scales all carry the latest EC Weights and Measures approvals, and OIML R76 certificates of conformity.

SCALE BASES AND WEIGH PLATFORMS

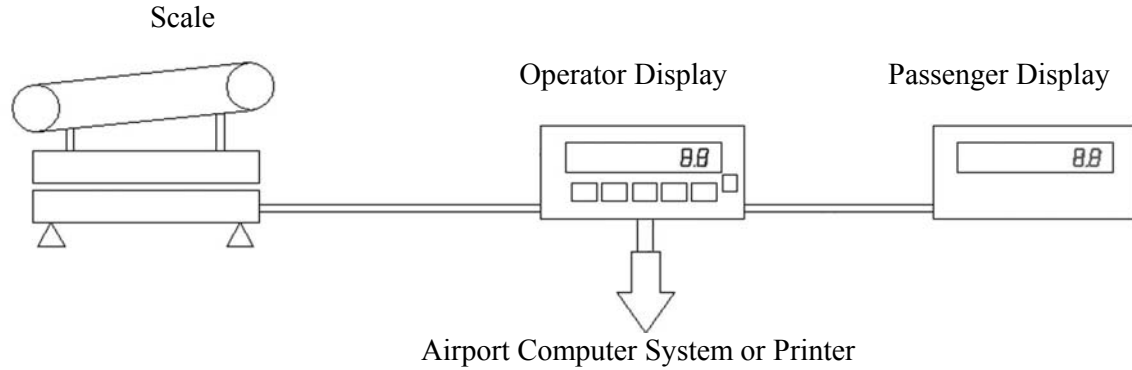


The scale base or weigh platforms are available for direct attachment of baggage handling conveyors, or with stainless steel tops and optional back/side stops for stand alone situations. The low profile design ensures minimum bag loading heights for ease of usage. Procon Engineering work closely with Baggage Handling System Manufacturers and can provide the necessary rails and conveyor location latches to suit most designs.

The weigh scale bases use high performance strain gauge load cells for weight measurement and are protected against accidental overload. Standard and out-of-gauge formats are available in various sizes to suit most applications.



THE DEFIANT SP20-100 BAGGAGE SCALE SYSTEM



OPERATOR DISPLAY

PASSENGER DISPLAY

The Defiant check-in weigh scales are configured on a modular basis. The scale bases, and readout displays are simply interconnected by cables equipped with plug and sockets. This approach allows the check-in desk designer maximum freedom, and aids any retrofit into existing installations.

All displays recall weight, total weight or bag count. The operator display has the following push buttons and functions:

- Zero pushbutton,
- Test pushbutton,
- Totaliser function pushbuttons,
- Overweight bag and conveyor cut-out status.

A slave passenger display is available for those installations requiring both an operator and passenger display. Display mounting pods are available as an extra for top of desk mounting when required.

Our 'state of the art' electronics process the loadcell signals from the scale base and provide a weight display readout to a remarkable degree of accuracy. The scales are calibrated and conveyor weights offset digitally, through a simple sequence of keystrokes on the operator display.

All units include a heavy bag warning device and a separate conveyor cut-out contact to protect the baggage handling system from damage. An optional serial data interface allows connection to remote management computer system.

A REFERENCE LIST FOR BAGGAGE SCALES SUPPLIED BOTH IN THE U.K. AND OVERSEAS IS AVAILABLE ON REQUEST.

ORIGINAL DEFIANT SP20-000 SYSTEM

These displays can still be supplied to special order for new projects or as up-grades and additions to existing installations.



AIRPORT AFTER-SALES SERVICE



Our team of highly skilled and trained service engineers have many years of experience of working in airports and are based at various locations around the U.K.

They hold the necessary passes, approvals and security clearances for this type of work.

As well as servicing U.K. installations, these engineers are available to travel anywhere in the world as required.

In addition to check-in scales our engineers also calibrate and service cargo and aircraft weighing systems.

We also service all other weighing, process control and associated equipment, therefore, providing a cost effective "Total Site Service".

DESIGNED TO MEET YOUR NEEDS

Our expanding Service Agreement customer base has the comfort of knowing they will receive service that includes:

- **A choice of service agreement review periods from 12 months to 5 years**
- **Calibration and certification providing traceability to National Standards**
- **Full 24 hour, 365 days per year service cover options**
- **A total service package designed for the needs of individual site conditions**
- **Service visits timed to fit in with your schedules**
- **Preferential service rates**
- **Spares and repairs at discounted prices**
- **Technical telephone support**
- **Extended warranty options**

Procon Engineering's policy is one of continuous product enhancement. We therefore reserve the right to incorporate technical modifications without prior notification.

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