

# Not just a scale...

# a new weigh of doing things!



# ATRAX

WEIGHING AND DIMENSIONING SPECIALISTS  
TRUSTED IN OVER 100 COUNTRIES



## ABS 960 Baggage Scale

# Fast... accurate... efficient... affordable

## User friendly

The ABS 960 has been specifically designed to be easy to read, easy to operate, with everything in one compact, ergonomic, 'mount anywhere' unit.

Add your logo here

Full graphic LCD screen

- large font characters
- alpha numeric
- foreign language capability etc

Text messages from remote systems

Can be used for:

- conveyer status / error messages
- security messages
- safety messages
- heavy baggage alarm
- scale diagnostics
- Plus more



Tough ABS case

Power on/off (can be disabled)

Function keys

- programmable use
  - can be disabled
- e.g. - lb/kg conversion  
- belt run  
- group total

Speaker for audible alarms e.g. heavy bag

Zero key

Programmable key

- options include:
- belt start
  - print/send data
  - test

Memory function

- add
- subtract
- clear

## Technically friendly

The ABS 960 has also been specifically designed to be easily installed and integrated into existing systems with no complex re-wiring or technical incompatibility. Connections and ports are clearly identified and easy to follow.



## Connections and Ports

- 1 Local I/O Port
- 2 Scale Base Connector
- 3 Tamper Proof Setup Switches
- 4 Passenger Display connector
- 5 RS-232C Serial Port
- 6 7.5 VDC Power Input

## Passenger friendly

Information for passengers is displayed on an easy to read, durable counter mounted display screen.



Add your logo here

High visibility LED display

Tough, high impact plastic lens

Durable stainless steel fascia

Wide viewing angle allows maximum counter mounting options



## Tomorrow's technology today

The ABS 960 is not just a scale ... it's a new weigh of doing things – a brilliant piece of technology that will revolutionise airport baggage handling around the globe. Now airports can have the best of both worlds ... a beautifully designed and built weighing system that also has the ability to integrate into the entire baggage handling process.

## Brilliantly compatible

Right from the early design and development stages of the ABS 960, one of the main criteria was perfecting easy installation and integration into existing static and conveyor scale systems. The result has been both brilliantly successful and brilliantly simple ... the ABS 960 can multi-task to full capacity immediately, or can be used as a scale only until the many additional functions are required and accessed at a later date.

# The Atrax ABS 960 Baggage Scale

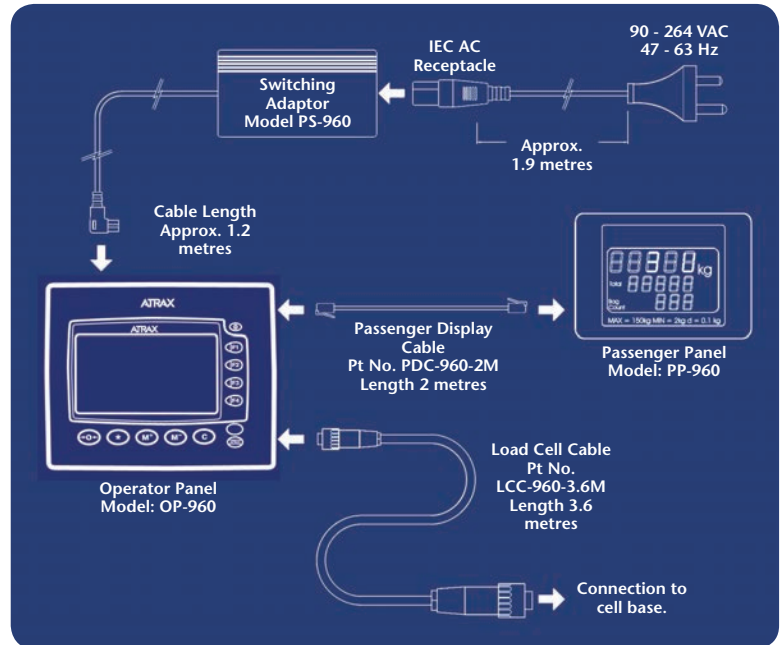
is a special-purpose scale designed specifically as a universal platform for use in performing baggage check-in functions for the airline industry. This unit sets the standard in what should be expected from a baggage scale and can truly be used in a "Fully Integrated" Check-in system.

## Graphics Display

The use of a full graphics LCD Operator panel allows for a number of innovations. Firstly the display to the operator is clear and concise, and can be displayed in the language of choice for the installation. Full control by the operator of contrast and backlight further enhances its performance.

## Auto ranging power supply

Universal power adaptor. Conforms with all relevant safety & electrical regulations



## Check out the ABS 960 advantages:

- Produced by the world's leading specialised manufacturer
- Thousands of units installed in over 80 countries
- Specialised weighing technology for airport applications
- Finest quality design and engineering
- The latest highly advanced technology
- Handsome European styling and ergonomical design
- Robust, durable ABS construction
- Stainless steel fascia with scratch resistant acrylic lens
- Soft touch silicone keys for sensitive tactile feedback
- Permanent etched lettering that won't rub off
- Excellent readability from a wide viewing angle and under variable lighting conditions
- Intersystem text messaging capability
- Scales are self diagnostic and report any errors in plain language
- Identifies problems and reports to operators/control room
- Rapid identification means faster repairs. Less downtime
- One centralised single Operator panel results in very compact unit
- Can be mounted anywhere, saving desk space
- Easy to install "plug and play"
- An extremely accurate and efficient weighing system
- Future proof – tomorrows technology today
- Designed to fully integrate with Baggage Handling System.
- Plus many more baggage handling capabilities

## Not just a scale ... the most advanced baggage handling technology ... A new weigh of doing things

### Instant information

On the screen. Easy to read and at your fingertips. All the information you need with pinpoint accuracy. But it's not just the standard weight details ... the ABS 960 has the amazing ability to analyse, diagnose, detect and inform, instantly displaying any malfunctions in the conveyor control process. By letting the operators and the control room know the exact location of a problem, personnel or servicing can be directed to the trouble spot immediately, resulting in faster repairs and less downtime.

### Hard wearing, soft to touch

The handsome European design and stainless steel fascia combines modern sophisticated styling and ergonomics with rugged, robust, durable construction. The lens is strong, scratch resistant acrylic. The keys are soft-touch silicone. Lettering is permanently marked into every key. Everything is at your fingertips on one centralised, compact, single-panel unit that can be mounted anywhere, saving valuable desk space.



## OPERATOR PANEL

Features	Specifications
<b>Display</b>	Full graphics, high contrast, backlit LCD. Simultaneously displays: Passenger bag weight, Total bag weight and Bag count. Conveyor system text messaging enabled.
<b>Front Panel Annunciators</b>	Centre of zero, motion, lb/kg selection, overweight alarms and customised legends. Text messages from BHS control system.
<b>Operator Push-buttons</b>	5 primary keys for: zero, add, minus and clear totals plus one configurable key. 4 programmable function keys with display labelling. 1 power on/off key. All keys are moulded soft touch silicone with tactile feedback.
<b>Control Outputs</b>	2 fully isolated digital outputs as standard. Overweight setpoint, Belt start & spare. DC only at 1.5 amps max. AC/DC at 0.75 amps max. 24 volts max.
<b>Control Inputs</b>	1 fully isolated digital input as standard. Remote on/off. Add function inter-lock & spare. DC input only. 24 VDC max.
<b>Serial Data Ports</b>	1 x RS 232 port.
<b>Full Scale Capacity</b>	Adjustable up to 999.9kg and/or lb.
<b>Display Increments</b>	Selectable to 0.1, 0.2, 0.5 and 1.0.
<b>Auto Zero Maintenance</b>	+/- 0.5 graduation zero tracking.
<b>Alarms</b>	Built in audible and visual alarms with setpoint output. Programmable heavy bag warning and overweight bag alarms.
<b>Power Input</b>	7.5VDC, supplied by external unit. Internal self resetting thermal fuse protected.
<b>Enclosure</b>	Tough ABS moulded fascia. Mild steel rear cover. Scratch resistant display lens. Overall size: 160mm x 130mm (6 5/16 x 5 1/8 inch)
<b>Operating Temperature</b>	-10°C to +40°C (14°F to 104°F)

## PASSENGER PANEL

Features	Specifications
<b>Display</b>	High intensity 7 segment LED. 3 rows consisting of 5, 5 & 3 digits respectively. Simultaneously displays passenger bag weight, total bag weight and bag count.
<b>Enclosure</b>	Brushed stainless fascia. Scratch resistant display lens. Mounting options to suit airport requirements. Overall size: 122mm x 86mm (4 4/5 x 3 3/8 inch)
<b>Operating Temperature</b>	-10°C to +40°C (14°F to 104°F)

## POWER SUPPLY

Features	Specifications
<b>Power Input</b>	110 to 240 VAC, 50/60Hz +/- 10%, clean supply. 0.33 to 0.19 Amp (actual consumption depends on installation)
<b>Power Output</b>	7.5 Vdc. 1 Amp max.
<b>Typical Size</b>	110mm x 60mm x 30mm (4 1/3 x 2 3/8 x 1 3/16 inch)
<b>Approvals</b>	UL, C-Tick and CE Mark.

## SCALE BASE

Features	Specifications
<b>Compatibility</b>	Compatible with all Atrax scale bases, including static and conveyor scales. Compatible with most other single, dual and four loadcell scale bases.



**[www.atraxgroup.com](http://www.atraxgroup.com). Email: [info@atraxgroup.com](mailto:info@atraxgroup.com)**

We are the world's leader in specialised, quality weighing technology for airports. We have installed thousands of products in over 100 countries and have a worldwide network of Atrax installation, sales and service personnel to provide local, 'on-the-spot' expertise. We know the business. We also know when we've produced something very special! The ABS 960 is one of the most exciting and innovative Atrax developments to date. It's a huge technological step. Yet it's easy to take. And very affordable. Just contact Atrax today.