

Avenger Pallet Truck Scale in Mild Steel I323 Industrial Indicator

The Euroscopes Avenger pallet truck scale is by far the best selling pallet truck scale in the U.K. This indicator has a very large LCD and is easily read even in areas with poor lighting. Also with it having a LCD readout instead of the more common LED the battery life is extended to over 100 hours in continuous use. Made stronger than the original truck all of the Euroscopes range of trucks will take knocks that might well see others fall by the wayside. The display panel is housed in a stainless steel box for extra protection. All Euroscopes weighing machines are made using high quality load cells that have an excellent repeatability. The Euroscopes PTS Avenger is a heavy duty pallet truck scale, combining time proven durable design with the latest innovations in industrial weighing. High Accuracy Scale 0.1% of the applied load with a capacity of the original truck.

(other display resolutions available). Choice of 3 widths 450mm, 520mm and 685mm and 4 lengths 910mm, 1000mm, 1150mm and 1220mm.

Other custom sizes available upon request.

Closed height of the pallet truck scale is maintained at 85mm.

Supplied calibrated and ready to use with 12v removable / rechargeable battery and mains plug top charger.

The I323 is a digital weighing indicator that is fully trade approved under OIML to 3,000 divisions.

The built-in RS-232 serial port is 15kV protected.

Two isolated setpoint outputs provide for basic weight-control or level-control functions.

User friendly ergonomic design that doesn't require the operator to constantly bend down to press the keys



Display Performance

Resolution

Up to 30,000 divisions, minimum of 0.25mV/division, 20 updates/second (Trade 4000 divisions at 0.8mV/division)

Zero Cancellation

$\pm 2.0\text{mV/V}$

Span Adjustment

0.1mV/V to 3.0mV/V full scale

Stability/Drift

Zero: $< 0.1\mu\text{V}/^{\circ}\text{C}$ (+ 8ppm of deadload max)

/ Span: $< 8\text{ ppm}/^{\circ}\text{C}$, Linearity $< 20\text{ ppm}$

Excitation

5 Volts for up to 4 x 350 ohm load cells (4 wire or 6 wire + shield)

A/D Type

24 bit Sigma Delta with 8,388,608 internal counts

A/D Conversion rate

20Hz with FIR filtering > 80dB

Operating Environment

Temperature: -10 to +50°C ambient, Humidity: < 90% non-condensing

Digital

Display

LCD - six 20mm high digits plus units and annunciators - LED Backlight

Setup and Calibration

Full digital with visual prompting in plain messages

Digital Filter

Sliding window average from 0.1 second to 4.0 seconds

Zero Range

Adjustable from $\pm 2\%$ to $\pm 20\%$ of full capacity

Power Input

Battery

12 VDC, 7.5Ah,

ON/OFF key with memory feature

Charger

Mains Plug Top charger can charge battery remotely or be plugged in to truck

Features

i323 Extra Features

RS-232 automatic transmit, network or printer driving

Approvals

OIML

Pallet truck unit

Load cells

IP67 sealed stainless steel load cells—Flintec

Standard finish

Sprayed to match the original colour scheme of the truck used

Construction

Welded Mild Steel

Size

As ordered

Warranty

12 Months on loadcells

Wheels

Nylon wheels fitted as standard (wheel options are available upon request)