

SUPAWEIGH 4000

TECHNICAL SPECIFICATION SHEET

The World's Most Advanced Axle Weighbridge

Maximum accuracy weighing at speeds from 1 km/h to 15 km/h, with three internally selectable software routines.

For all law enforcement and fleet control applications.

“Supaweigh 4000” is currently approved for Static operation under the EC Directive on Non Automatic Weighing Instruments 90/384/EEC using OIML R76 to prove conformity.

TEST CERTIFICATE GB-1038 DATED 02/12/1997

**EC APPROVAL NUMBER UK2477, CLASS III & IV,
DATED 5/1/98, VALID UNTIL 04/01/2008**

“Supaweigh 4000” is also approved in the UK by the DTi for Trade use in Dynamic mode for Gross Weights Only, with axle weights being produced for management purposes only.

**DTI APPROVAL CERTIFICATION NUMBER 2490,
DATED 22/05/04, VALID UNTIL 25/05/2008**

SPECIFICATION

Deck Structure: Bridge : 3.000m x 0.730m x 0.240m. Frame dimensions: 3.252m x 0.902m x 0.330m.

Weight: Bridge: 890 kg. Weight of Steel Pit Frame 340 kg.

Load Cells: A range of 3000 Division EC Approved cells are available, but as standard the system will incorporate 4 x 10,000 kg approved stainless steel, fully welded Load Cells fitted into a unique tension mounting assembly.

Operating Temperature: -10°C to +50°C
Safe Overload Rating: 150%, tested to 300% structurally
Protection Class: IP67
Finish: Stainless steel
Mounting Assemblies: Powder coated cast iron with zinc plated pins.

Lightning protection earthing straps.

Instrumentation: EC/OIML Approved Class III & IV.
IP66 Rated
High visibility 5 digit 40mm electromechanical weight display
Secondary data display } see detailed software
Full alpha/numeric data entry keyboard } options below
Overspeed display
Sealed “dial in” calibration system
Real time clock
Fault diagnostic display
2 x serial 20mA current loop outputs
1 x RS232 output

Capacity: 40,000 kg

Display: 10 kg

Operations Speed: “SUPAWEIGH 4000” weighs all vehicles at speeds up to 15km/h.

Accuracy is speed related and Supaweigh 4000 is usually limited to 5km/h for enforcement and trade applications, but this may be increased for fleet control, dependent on accuracy requirement.

Accuracy: Factory dead weight test
± 5 kg end to end test at 5,000 kgs

After Installation
± 10 kg dead weight test to capacity
± 50 kgs per axle normal dynamic operation (after installation)
± 0.5% of gross weight “Trade” dynamic operation ”on test”
± 1.0% of gross weight “Trade” dynamic operation “in service”

Medium speed operation 10km/h - 15km/h
Within 2% of gross weight

Note:- All accuracies quoted are site dependent

Power Required: 240 volt, single phase (optional 110v)

Selectable Software Options using the: Secondary Data Display and Alpha Numeric Keyboard

Enables data entry up to 16 characters in each category

Vehicle ID
Code No.
Product
Supplier
Haulier

Vehicle Reg No.
Vehicle Type Code
Goods Carried
Haulier

For Nett Weight Programme

For Enforcement Programme

Software Options

Internally selectable programmes:

- a) Gross / Nett / Tare weights
- b) Overload Warning
- c) Law Enforcement

(To be specified with order, at no additional cost)

In line with our continuing product development policy, Central Weighing Ltd reserves the right to alter specifications without prior notice

CENTRAL WEIGHING LTD

Unit 142, Hartlebury Trading Estate, Kidderminster, DY10 4JB

Tel: + 44 (0) 1299 251242 Fax: + 44 (0)1299 250002

Email: export@centralweighing.co.uk