



LOAD-MONITOR 3500 LITE

WiFi Connectivity to Mobile Device

OVERLOAD PROTECTION LOAD OPTIMISATION OPTIMISED FOR LCV

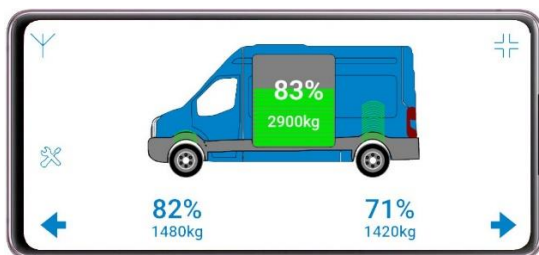
AXLE LOAD MONITORING

The Load-Monitor 3500 axle overload monitoring system is specifically designed for two-axle vehicles with standard coil or leaf spring suspension. Each axle is monitored with a patented solid-state sensor which monitors the load applied to each axle. The information is displayed to the driver on the twin channel digital indicator and an audible alarm sounds if the total vehicle or axle weight maximum is infringed.

DURABLE

Load-Monitor 3500 has no moving parts and is not susceptible to wear or slipping out of calibration because of stretched springs, which are common in other axle overload monitoring systems.

THE DRIVER HAS A CHOICE OF VARIOUS SCREENS:



SAFE

Indicates loads of up to 90% of either the front or rear axle and total load.



WARNING

Indicates loads between 90% and 100%.



Axle Sensor

FEATURES & BENEFITS

Better than $\pm 2.5\%$ (90%-100% of GVW)

Simple to operate

No driver input required

Axle overload warnings

Gross overload warnings

Balanced load distribution

Maximize payload capacity

Operating tolerance of vehicle (braking)

Possible reduced fuel consumption

Reduce vehicle wear and tear

Protect your licence

Avoid fines

Avoid overload endorsements

SYSTEM SPECIFICATIONS

Accuracy: Better than $\pm 2.5\%$ (90%-100% of GVW)

Safe Weight Setting: Up to 90%

Warning: 90%-100%

Overload Setting: Over 100%

Power Supply: 12/24 Volt

Operating Current: <200 mA

Standby Current: <5 mA

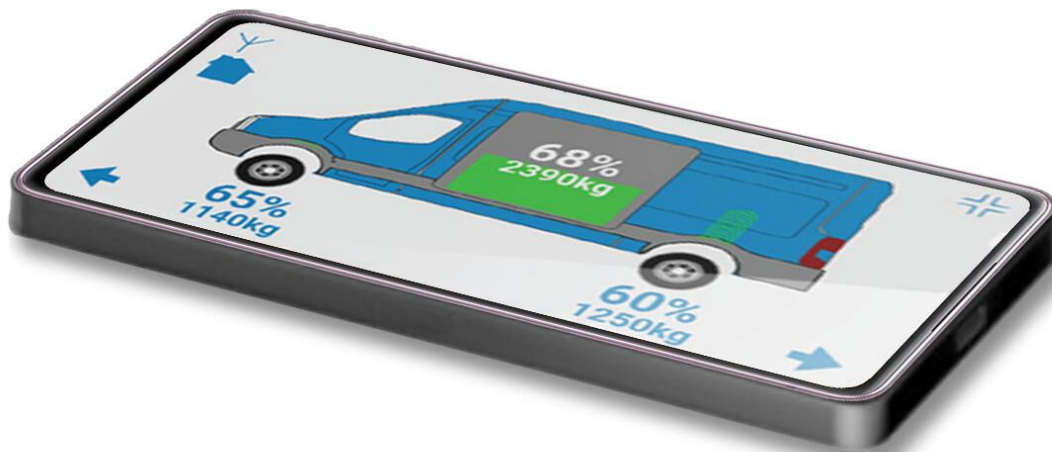
ENVIRONMENTAL TESTS

Electrical Tests Passed for E and CE Marking Requirements

Environmental Performance Exceeds SAE J1455

"A few years ago, I was in breach of weight regulations sitting behind my office desk. Whilst collecting castings from a foundry, our driver accepted an additional pallet. Stopped, weighed and subsequently prosecuted, the driver and I found ourselves pleading guilty at Burnley Magistrates Court...never again! We have recently installed Load-Monitor 3500 systems to all our vehicles."

Glyn Brown,
Managing Director, Archerdale Limited



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