

Model NWMS Mobile Weigh Scale

- **Battery powered - power-save mode ensures long battery life**
- **Positive steering - easy to manoeuvre even in restricted space**
- **Safe to use - little effort required to move and put to work**
- **Clears 32" (813 mm) doorways**
- **Hygienic design in 316 stainless steel**
- **Choice of finishes including GMP (FDA) finish for pharmaceutical plants**
- **ATEX certified versions for gas and dust Ex areas**
- **EC 'Legal for Trade' option**



Model NWMS mobile weigh scale

Applications

The NWMS is a totally new form of mobile weigh-scale. Safety and convenience are just as important to users as reliable and accurate weighing performance and this scale excels in every area.

The unit steers accurately and positively with very little effort making it suitable for use by all types of operator. Once in position, putting it to work is simply a matter of letting the steering handle return naturally to the vertical rest position and then lowering the loading ramp.

The design and materials of construction have been chosen to suit the needs of all industries including pharmaceutical manufacturing and other hygienic processes.

The NWMS is perfect for use in manufacturing areas where fixed weigh scales would prevent quick and easy process changes due to new products or formulations etc. One mobile scale can often do the work of several fixed scales - but more effectively!

As well as high performance weighing, the NWMS can be used for filling and dosing with a helpful bar graph display to ensure precise cut-off at the target weight.

Construction

The scale is built in 316 stainless steel. It is crevice free and can be used in 'washdown' areas. A certified finish to a specific Ra (Roughness Average) figure can be supplied.

One unique feature is the self - levelling Design - saving time and enhancing weighing accuracy.

The weight indicator has a tilt adjustment as standard. If required, the display can also be fitted with a swivel mount to assist readability when working from the side.

ATEX certified for hazardous areas

ATEX certified versions are available for use in Zone 1, 21, 2 and 22 (Gas and Dust zones) using the ST range of weight indicators.

'Legal for Trade' weighing

Versions can be stamped for Legal for Trade weighing, even within potentially explosive areas.

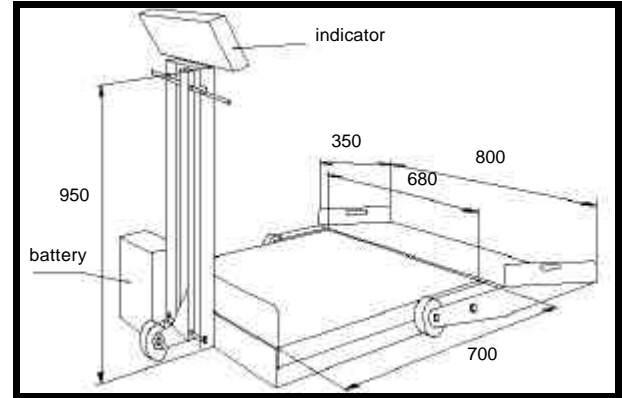
TECHNICAL SPECIFICATION

Material of manufacture	316L stainless steel
Finish (standard)	2B mill finish to exposed surfaces
Pharmaceutical GMP (FDA) applications - optional finish	240 grit or certified Ra (Roughness Average) value
Levelling	Self-levelling as lowered. ('Legal for Trade' version employs levelling bubble and adjustment to meet European EC legislation)
Wheels	Antistatic polyurethane wheels
Load cells	Three off stainless steel ring toroidal cells (four off cells for the 'Legal for Trade' version) sealed IP68 to EN60529
Junction box	ABS sealed to IP66 according to EN60529
Instrumentation	Range of instruments including the ST range of ATEX certified instruments. Dosing options for formulation including bar graph for weight-to-target dispensing
Battery	Rechargeable accumulator on board. In the ATEX certified version the battery must be recharged outside the hazardous area. Time between charges varies with instrument. Typically 12-30 hours of use with the Model ST range of instruments.
Optional European Trade Approvals	3,000 e EC approval with the Model ST range of instrumentation including ATEX versions
Optional ATEX certification for dust and gas hazards	Gas and Dust certification for Zones 1, 21, 2 and 22. Note if area of use is limited to Zones 2 and 22, then ST-Z2 indicator can be fitted at lower cost.
Weight	79 kg (including battery and ST indicator)
Dimensions and Capacities	



Capacity (kg)	0 - 300
Loading height (mm)	70
Platform dimensions (mm) L x W	700 x 680

DIMENSIONS (mm)



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Model NWMS will clear 32" (813 mm) doorways



NOVA WEIGH



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BS EN ISO 9001:2000 Cert No: FM 11445