



APPLIED MEASUREMENTS LTD.

Transducer Specialists...

+44 (0) 118 981 7339

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<https://appmeas.co.uk>

WPX Industrial Low Cost Weighing Platform

Key Features:

- Capacities 0-150kg up to 0-3000kg
- Height Adjustable Mounting Feet
- IP67 OIML Approved Load Cells
- Tough Powder-Coated Mild Steel Construction
- Standard Sizes: 600 x 600mm to 1500 x 1500mm
- 5m Cable with Steel Armoured Braiding
- Optional Steel Column
- 3 Year Warranty



Easy access junction box for service & setup

Accurate & Economical with IP67 Rated Load Cells

The WPX industrial low cost weighing platform have a mild steel construction with a tough powder-coated base frame. They contain 4xIP67 dust tight and waterproof rated accurate shear beam load cells, suitable for most industrial environments. The industrial weighing platform has an overall protection rating of IP67.

Thanks to the height adjustable stainless steel rubber based mounting feet, you can be assured of level and accurate weighing. The easy to access stainless steel sealed junction box and summing board provide quick and precise load cell adjustment via the top plate.

We can supply the weighing platform calibrated with a signal conditioner or digital display from our wide range of [instrumentation](#) to provide you with a complete weighing system.

The WPX industrial low cost weighing platform can be designed for higher capacities or custom-sized to suit your specific application, please [contact our technical sales team](#).

Options:

- Ramps
- Pit Mount Versions
- Trade Approved Versions Available
- Dimensions to Suit Your Application
- Custom Built Frames & Mounting Supports
- Drive-In & Drive-Through Versions
- USB Versions (via DSC-USB)
- Wireless Version (via T24 instrumentation)
- Remote Displays
- Single or Multi-Channel PC-Based Monitoring & Data Logging System.
- TEDS (Transducer Electronic Data Sheet)
- TEDS Allows Plug & Play with TEDS Enabled Instrumentation.

Applications:

- Drum & Canister Weighing
- Agricultural Weighing
- Aggregate Weighing
- Pallet Weighing



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Specification:

Rated Capacity (RC)	kg	150, 300, 600, 1000, 1500, 2000, 3000
Operating Modes	Compression Only	
Sensitivity (RO)	mV/V	2.0 nominal
Accuracy	±%/Rated Output	<0.1
Temperature Effect on Zero	±%/Rated Output/ °C	<0.003
Temperature Effect on Sensitivity	±%/Applied Load/ °C	<0.015
Bridge Resistance	Ohms	85 nominal
Excitation Voltage	Volts AC or DC	2 to 15 (10 recommended)
Operating Temperature Range	°C	-10 to +60
Compensated Temperature Range	°C	0 to +50
Storage Temperature Range	°C	-10 to +60
Safe Overload	% of Rated Capacity	150
Ultimate Overload	% of Rated Capacity	300
IP Rating (Environmental Protection) of Shear Beam Load Cells		IP67
Overall IP Rating (Environmental Protection) of Weighing Platform		IP65
Cable Length (as standard)	metres	5
Cable Type		4-core screened
Construction Material		Mild Steel

Dimensions (mm):

Model	Dimensions	Capacities	Load Cell Rating
WPX0606	600mm x 600mm	150kg up to 3000kg	IP67 OIML Approved
WPX1010	1000mm x 1000mm	150kg up to 3000kg	IP67 OIML Approved
WPX1210	1250mm x 1000mm	150kg up to 3000kg	IP67 OIML Approved
WPX1212	1250mm x 1250mm	150kg up to 3000kg	IP67 OIML Approved
WPX1512	1500mm x 1250mm	150kg up to 3000kg	IP67 OIML Approved
WPX1515	1500mm x 1500mm	150kg up to 3000kg	IP67 OIML Approved

Approximate platform height is 115mm to weighing area.



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Ordering Codes:

Core Product	Dimensions	Capacity (inc Engineering Units)	Cable Length (m)	Specials Code	Result
WPX	600mm x 600mm	150kg	005	000	WPX0606-150kg-005-000
WPX	600mm x 600mm	300kg	005	000	WPX0606-300kg-005-000
WPX	600mm x 600mm	600kg	005	000	WPX0606-600kg-005-000
WPX	600mm x 600mm	1000kg	005	000	WPX0606-1000kg-005-000
WPX	600mm x 600mm	1500kg	005	000	WPX0606-1500kg-005-000
WPX	600mm x 600mm	2000kg	005	000	WPX0606-2000kg-005-000
WPX	600mm x 600mm	3000kg	005	000	WPX0606-3000kg-005-000

Core Product	Dimensions	Capacity (inc Engineering Units)	Cable Length (m)	Specials Code	Result
WPX	1000mm x 1000mm	150kg	005	000	WPX1010-150kg-005-000
WPX	1000mm x 1000mm	continued up to 3000kg	005	000	WPX1010-3000kg-005-000

Core Product	Dimensions	Capacity (inc Engineering Units)	Cable Length (m)	Specials Code	Result
WPX	1250mm x 1000mm	150kg	005	000	WPX1210-150kg-005-000
WPX	1250mm x 1000mm	continued up to 3000kg	005	000	WPX1210-3000kg-005-000

Core Product	Dimensions	Capacity (inc Engineering Units)	Cable Length (m)	Specials Code	Result
WPX	1250mm x 1250mm	150kg	005	000	WPX1212-150kg-005-000
WPX	1250mm x 1250mm	continued up to 3000kg	005	000	WPX1212-3000kg-005-000

Core Product	Dimensions	Capacity (inc Engineering Units)	Cable Length (m)	Specials Code	Result
WPX	1500mm x 1250mm	150kg	005	000	WPX1512-150kg-005-000
WPX	1500mm x 1250mm	continued up to 3000kg	005	000	WPX1512-3000kg-005-000

Core Product	Dimensions	Capacity (inc Engineering Units)	Cable Length (m)	Specials Code	Result
WPX	1500mm x 1500mm	150kg	005	000	WPX1515-150kg-005-000
WPX	1500mm x 1500mm	continued up to 3000kg	005	000	WPX1515-3000kg-005-000

Associated Products:



[TR150 Handheld Indicator](#)



[T24 Wireless Telemetry Range](#)



[Intuitive4-L Panel-Mount Indicator](#)



[DSC-USB USB Signal Digitiser](#)



[ICA Miniature Strain Gauge Amplifier](#)



[SGA Signal Conditioner/Amplifier](#)