



## APPLIED MEASUREMENTS LTD.

Transducer Specialists...

+44 (0) 118 981 7339

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<https://appmeas.co.uk>

### WP Weighing Platforms

#### Key Features:

- Capacities 0-100kg up to 0-3000kg
- Output: 2mV/V nominal
- Sealed to IP65
- High Accuracy:  $\leq \pm 0.03\%$ /Rated Capacity
- Mild Steel & Stainless Steel Versions
- Standard Sizes: 600 x 600mm to 1500 x 1500mm
- Robust Construction
- OIML-Approved Load Cells Fitted
- 3 Year Warranty



*For continuous use in industrial weighing applications*

The WP weighing platforms are designed for use in industrial environments where they will be subject to continuous use. The weighing platform design uses 4x shear beam load cells and has an overall environmental protection rating of IP65.

The WP weighing platform can be supplied calibrated with a signal conditioner or digital display from our wide range of instrumentation to provide you with a complete weighing system.

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

#### Options:

- Construction: Mild Steel or Stainless Steel
- Ramps
- Pit Mount Versions
- Trade Approved Versions Available
- Dimensions to Suit Your Application
- Economy Versions for Tighter Budgets
- Industrial Environments
- 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



## Specification:

Rated Capacity (RC)	kgf	0-300, 0-3000
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)		IP65
Weight		See dimensions table
Cable Length (as standard)	metres	5
Cable Type		4-core screened
Construction Material		Mild Steel or Stainless Steel
Resolution:		See dimensions table

### STANDARD SPECIFICATION - MILD STEEL MODELS

Durbar top plate with a hammer spray paint finish. Fitted with four stainless steel OIML-approved load cells sealed to IP67 and self-absorbing, heavy duty rubber mounting feet.

### STANDARD SPECIFICATION - STAINLESS STEEL MODELS

Stainless Steel construction with smooth top plate. Fitted with four stainless steel OIML-approved load cells sealed to IP67 and Stainless Steel free motion feet.

## Dimensions (mm):

STANDARD PLATFORM SIZES (W x D x H)	Weight (kg)	CAPACITY OPTIONS
600mm x 600mm x 80mm	40	100kg x 0.02kg increments 150kg x 0.05kg increments 300kg x 0.1kg increments 600kg x 0.2kg increments 1500kg x 0.5kg increments 3000kg x 1kg increments
800mm x 800mm x 80mm	50	
1000mm x 1000mm x 80mm	85	
1000mm x 1250mm x 80mm	100	
1250mm x 1250mm x 80mm	112	
1500mm x 1250mm x 80mm	126	
1500mm x 1500mm x 80mm	140	



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## Ordering Codes:

Core Product	Capacity (inc Engineering Units)	Cable Length (m)	Specials Code	Result
WP	40kg	005	000	WP-40kg-005-000
WP	50kg	005	000	WP-50kg-005-000
WP	85kg	005	000	WP-85kg-005-000
WP	100kg	005	000	WP-100kg-005-000
WP	112kg	005	000	WP-112g-005-000
WP	126kg	005	000	WP-126g-005-000
WP	140kg	005	000	WP-140kg-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](#)