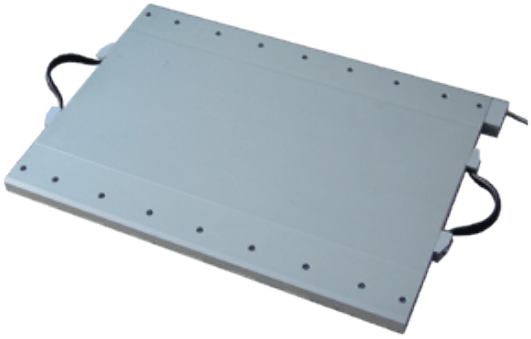
MWP2 Weighing Pad



Features	**Applications**
Flat Plate Construction	Axle Weighing
Excellent Dynamic Response	Wheel Weighing
Light in Weight	Aviation Industry Weighing applications
IP66 Protection	Centre of Gravity of Aeroplanes , vehicles etc
Heavy duty approach pads	

Specifications

Capacity	t	10t
Maximum Single point Load	t	15t
Combined Error	(%FS)	≤±0.5
Creep (30 minutes)	%FS/30min	≤±0.1
Temperature effect on sensitivity	(%FS/10C)	≤±0.1
Temperature effect on zero	(%FS/10C)	≤±0.1
Output sensitivity	(mv/v)	0.9±0.2
Input resistance	(Ω)	3120+/- 60
Output resistance	(Ω)	2800+/-28
Insulation resistance	(MΩ)	≥ 5000 (50VDC)
Zero balance	(%FS)	10
Temperature, Compensated	(℃)	-10～+50
Temperature, Operating	(℃)	-30～+70
Excitation, Recommended	(V)	5～15(DC)
Excitation, Max	(V)	18(DC)
Safe overload	(%FS)	120
Ultimate overload	(%FS)	180

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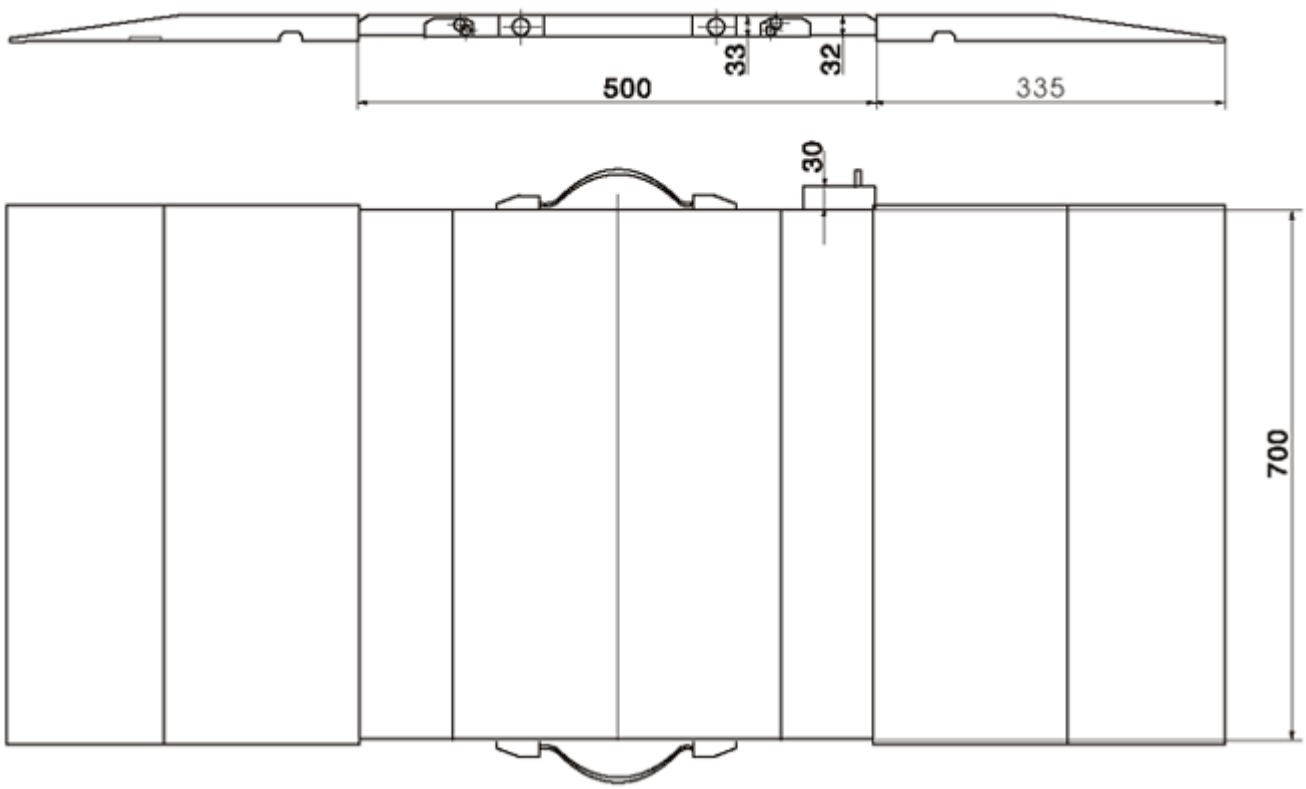

Dimensions (mm)

Cable

4 Core, Shielded cable (for connecting to indicator)

Weigh Pads when connected to MWP-2 Indicator can give wheel weight or axle weight (one or two weighing pads) as a digital display.

Both axle weight and wheel weight can be displayed under static weighing. The indicator can store the weight data of upto 999 weight records . The indicator uses advanced high speed A/D convertors thus providing accurate and reliable weight data under static and dynamic weighing.

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MWP-2 Indicator

MWP-2 Portable weighing indicator is assembled with weighing pads. When the truck wheels of the same axle loaded on the weighing pads, the sensors inside the weighing pads generates signals which are send to the indicator . On receiving digital signals from the convertor, the CPU in Data Processing Programme converts weighing data onto LED screen as weight display.

1. Connection with 1/2 weighing pads are available.

2. Suitable for connecting with computer via Rs232 communication interface.

3. Combined with on-vehicle portable programme, testing data is available for display, print, memorize and inquiry via PC.

4. Displayed on LCD wide screen for easy operation.

5. Both axle weight and wheel weight can be displayed under static weighing.

6 Able to memorize 999 testing data.

7. With high speed printer inside, convenient to print out testing data, including date, vehicle No., wheel weight, axis, total weight, and overload value.

Division	10 / 50kg	Vehicle Speed	Upto 10 kmph
Rated Axis Load	30000kg	Dynamic Accuracy	3%
Operating Temperature	-5 to 50C	Relative Humidity	90% RH Max
Printer	Thermal	Printing Speed	Upto 60 mm/sec
Static Accuracy	0.5%	Power Supply	12V DC

Specifications are subject to change without notice for improvement

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