

VLM2 Value Line

Load Cell

Weigh Module Assemblies



**For General Purpose Weighing of
OEM Machinery, Conveyors, Tanks**

METTLER TOLEDO

A graphic element consisting of several parallel green lines that fan out from the bottom left towards the center, positioned behind the Mettler Toledo logo.

Bending Beam Load Cell with Fixed Compression Mount Suspension

- Stainless steel load cells, 5000d NTEP certified* standard!
- Zinc-plated carbon steel or stainless steel hardware
- NEMA 4X stainless steel summing box with trim pots standard!
- Compression mount receiver plate isolates vibration and shock
- Built-in overload stops

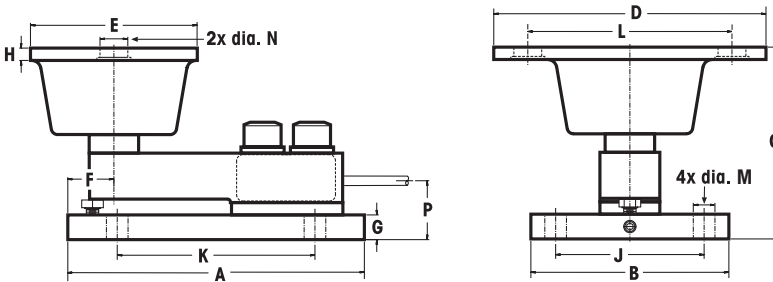
*except 250 lb capacity



The VLM2 "Value Line" weigh modules offer good value for the general purpose weighing of OEM machinery, conveyors, and tanks or hoppers with flexible inlets and outlets. VLM2 modules are suitable for applications with minimal horizontal shear or thermally induced movement.

VLM2 weigh modules are available in capacities of 250 lb, 500 lb, 1,000 lb, 2,000 lb and 2,500 lb. They use stainless steel load cells and are available with zinc-plated or stainless steel hardware. Fixed compression mount suspensions isolate the load cell from vibration and shock.

VLM2 Dimensions



Regulations & Standards

VLM2 weigh modules meet or exceed the Class III, 5000d accuracy requirements in accordance with the National Institute of Standards and Technology (NIST) Handbook 44. Certificate of Conformance Numbers 97-072 & 92-108A3 were issued under the National Type Evaluation Program (NTEP) of the National Conference on Weights and Measures.

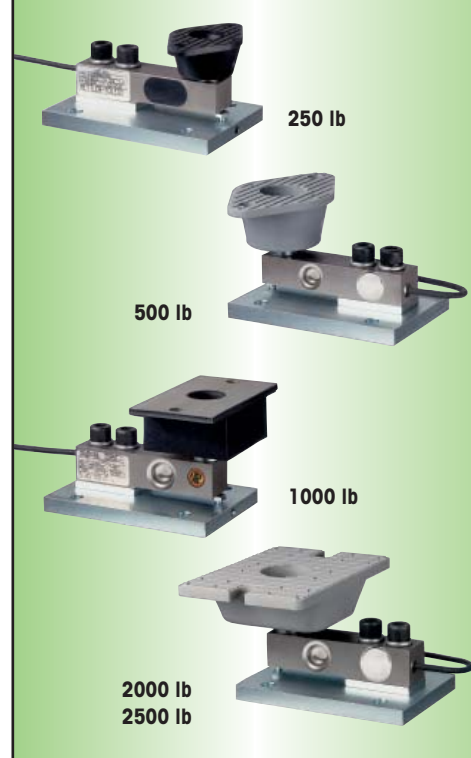
Factory Mutual Approved

VLM2 load cells are Factory Mutual Approved for use in hazardous areas.

ISO 9000

This product was produced and tested in a METTLER TOLEDO facility that has been audited and registered according to international (ISO 9001) quality standards.

For questions on VLM2 weigh module assemblies and technical matters, call your nearby METTLER TOLEDO office or authorized distributor. Or visit our website: www.mt.com to learn the location of the nearest METTLER TOLEDO sales representative or distributor.



A variety of load cell configurations are available.

NIST H44 STANDARD MODULES (lb)

Capacity	250		500		1,000		2,000 2,500	
	in	mm	in	mm	in	mm	in	mm
A	6	152.4	6	152.4	6	152.4	6	152.4
B	4	101.6	4	101.6	4	101.6	4	101.6
C	3.12	79.3	3.88	98.6	4	101.6	4	101.6
D	3.88	98.6	5.50	139.7	5.12	130.1	6.25	158.8
E	2.38	60.5	3.38	85.9	3	76.2	4.62	117.4
F	0.94	23.8	0.94	23.8	0.94	23.8	0.94	23.8
G	0.50	12.7	0.50	12.7	0.50	12.7	0.50	12.7
H	0.22	5.6	0.25	6.4	0.25	6.4	0.38	9.7
J	3	76.2	3	76.2	3	76.2	3	76.2
K	4	101.6	4	101.6	4	101.6	4	101.6
L	3	76.2	4.12	104.7	4.12	104.7	5.06	128.6
M (dia.)	0.44	11.2	0.44	11.2	0.44	11.2	0.44	11.2
N (dia.)	0.34	8.6	0.56	14.2	0.44	11.2	0.56	14.2
P	1.19	30.2	1.38	35.1	1.38	35.1	1.38	35.1

Specifications subject to change without notice.

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www.mt.com

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