

Load Cell



DigiTOL® POWERCELL®
Vehicle Scale Load Cell



Provides Better Performance
than Conventional Analog Load Cells

METTLER TOLEDO





Easy access to the POWERCELL load cell.

Bottom Line – You Get More Reliable Uptime with DigiTOL POWERCELL Load Cells



External influences can wreak havoc on your vehicle scales and result in expensive downtime. Low voltage analog signals, radio frequency interference (RFI), moisture and corrosion, off-center loads, non-linearity and temperature changes all effect the accuracy and dependability of your vehicle scale load cells.

The METTLER TOLEDO POWERCELL load cell has years of proven performance and the largest installed base of heavy industrial digital load cells in the world to back it up. The result is that you have more uptime and reduced maintenance costs. Each POWERCELL load cell has built-in self-diagnostics

that constantly monitor the cell's performance and automatically correct for external factors.

The DigiTOL POWERCELL load cell has been developed to provide accurate and reliable weight every time and to withstand the effects of external factors. The chart below outlines the features we have designed into our load cells to ensure that you get the performance you expect from a METTLER TOLEDO vehicle scale.

Ease of Maintenance

When maintenance is required, the process is simplified. The indicator displays an error code that details the problem and pinpoints the cell location. Diagnosis and replacement, if necessary, is quick; cables are removable so there is no need to replace them. Test weights aren't always necessary because of calibration constants, and your vehicle scale is back in service before you know it.

ISO 9001

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

Proven Performance

Capacities are 22.5 metric tonnes/50,000 lb, 45 metric tonnes/100,000 lb, and 90 metric tonnes/200,000 lb. Over 250,000 POWERCELL load cells are in use worldwide. This represents the largest installed base of digital heavy industrial load cells in the world.



External Affect	Solution	Proof
LIGHTNING	Strikeshield	250,000 POWERCELL Load Cells Installed Worldwide
Temperature	On-Board Microprocessor	
TIME LOAD SEQUENCE	On-Board Microprocessor	
RADIO FREQUENCY INTERFERENCE	Powerful Digital Signal	
Corrosion	Stainless Steel Hermetically Sealed Construction	
Moisture	Glass to Metal Connectors	

Approvals

POWERCELL load cells have received worldwide approvals. In the U.S. Certificate of Conformance Number 88-091 was issued under the National Type Evaluation Program (NTEP). Test Certificate TC2149 was issued by the European Community, and S252A in Australia. Also Ex-94.C.101 (Issued by CESI). Approved by Factory Mutual under FM Project Number OV4A2.AX.



For more information on the POWERCELL load cell, call your nearest METTLER TOLEDO office or nearest authorized distributor. Or visit our web site: www.mt.com.

	TEL	FAX	TEL	FAX	Internet
METTLER TOLEDO	Australia (61) 3 9644 5700	(61) 3 9645 3935	Korea (82-2) 518-2004	(82-2) 518-0813	www.mt.com
	Austria (43-1) 604 1980	(43-1) 604 2880	Malaysia (60-3) 703 2773	(60-3) 703 8773	
USA & Canada	Belgium (32-2) 334 0211	(32-2) 378 1665	Mexico (52-5) 547 5700	(52-5) 541 2228	
1900 Polaris Parkway	Brazil (55-11) 421 5737	(55-11) 7295-1692	Netherlands (31-344) 638363	(31-344) 638390	
Columbus, Ohio 43240	China (86-519) 6642040	(86-519) 6641991	Norway (47-22) 30 44 90	(47-22) 32 70 02	Specifications subject to change without notice.
TEL (800) 786-0038	China (Industrial) (86-21) 6485-0435	(86-21) 6485-3351	Poland (48-22) 651 9232	(48-22) 42 20 01	© 1999 Mettler-Toledo, Inc.
(614) 438-4511	Croatia (385-1) 660 3009	(385-1) 660 2189*	Russia (7-095) 921 9211	(7-095) 921 6353	METTLER TOLEDO®, DigiTOL®, POWERCELL®
FAX (614) 438-4900	Czech Republic (420-2) 254962	(420-2) 24247583	Singapore (65) 778 6779	(65) 778 6639	and StrikeShield are trademarks of Mettler-Toledo, Inc.
	Denmark (45-43) 27 08 00	(45-43) 27 08 28	Slovak Republic (421-7) 525 2170	(421-7) 525 2173	Printed on recycled paper and is recyclable.
	France (33-1) 30 97 17 17	(33-1) 30 97 16 16	Slovenia (38-6) 6123-57 64	(38-6) 6127-4575*	Printed in USA.
Headquarters	Germany (49-641) 50 70	(49-641) 52951	Spain (34-3) 223 2222	(34-3) 223 0271	
8606 Greifensee	Hungary (36) 1257 7030	(36) 1256 2175	Sweden (46-8) 702 50 00	(46-8) 642 45 62	15M0699
Switzerland	India (91-22) 857-0808	(91-22) 857-5071	Switzerland (41-1) 944 45 45	(41-1) 944 45 10	TRUCK SCALES
TEL (41-1) 944 22 11	Italy (39-2) 333321	(39-2) 356-2973	Taiwan (886-2) 579-5955	(886-2) 579-5977	199-GL03184.0E
FAX (41-1) 944 30 60	Japan (81-6) 949-5901	(81-6) 949-5944	Thailand (66-2) 719 6480	(66-2) 719 6479	
	Kazakhstan (7-3272) 50 63 69	(7-3272) 60 88 35	United Kingdom (44-116) 235 7070	(44-116) 236 6399	

*Ask for FAX.