IND560 PDX – Versatile technology
for vehicle weighing applications

Weigh

with confidence using POWERCELL® PDX® load cells. With absolutely no junction box, these cells deliver accurate, secure and reliable weight to the IND560 PDX terminal. The system has been independently tested to survive lightning strikes – a leading cause of scale failure.

Comply

with local and regional requirements. Certification to globally recognized metrological and performance standards supports acceptance in local markets.

Control

simple inbound and outbound vehicle weighing with METTLER TOLEDO's Drive-560 vehicle application software. Integrate material transfer operations into the vehicle weighing process using discrete I/O options with the built-in filling logic of the IND560 PDX.

Connect

easily to new and existing systems through two standard, electrically-isolated serial ports, or options such as Ethernet TCP/IP, USB and a variety of PLC interfaces. The IND560 PDX supports user-defined print ticket formats and reports.

IND560 PDX weighing terminal

The IND560 PDX is unique because, unlike any other terminal, it immediately notifies your operator of cell failure or breach before inaccurate weight causes you to lose money.

Unlike conventional systems which can require hours of trouble-shooting when a failure occurs, the IND560 PDX interfaces with METTLER TOLEDO POWERCELL® PDX® load cells to provide real-world diagnostic information. This information allows a technician to analyze your scale's health and, in the unlikely event of a failure, quickly find and replace the failed component, to get the system up and running in just minutes.

METTLER TOLEDO

Technical data

IND560 PDX Vehicle Weighing Terminal
Terminal interface for the most powerful load cell technology available

Features and Benefits
- IND560 PDX terminal with POWERCELL® PDX® load cells – provides the industry's highest accuracy.
- Proactive monitoring of diagnostic information from individual cells, without the need for maintenance-prone external analog-to-digital converter boxes.
- Precision diagnostics reduce technician repair time to minutes instead of hours.
- Enjoy excellent visibility at a distance. A large, bright vacuum fluorescent display provides visibility in both low light and bright sunlight.
- Simultaneously interface with multiple peripherals including printers and large-character remote displays.
- Optional METTLER TOLEDO Drive-560 software supports basic one- and two-pass weighing and can store up to 100 truck IDs at a time.
- Optional USB QWERTY keyboard interface permits fast and easy data entry.
- Turn a truck scale into an accurate filling system: material transfer mode controls vehicle filling with less hardware.
- Get the exact performance you need. TaskExpert™ programming tool enables the creation of custom applications.
- Customize and store up to five print templates.
- Approved alibi memory for non-corruptible accounting of all registered vehicles.
- Four levels of security provide varied access to system and metrology setup.

Enclosure dimensions (LxWxD)	Harsh model: 265 x 160 x 170.3 mm (10.4 x 6.3 x 6.7 in.) Panel mount: 265 x 160 x 91.8 mm (10.4 x 6.3 x 3.6 in.)
Enclosure construction	Harsh model: Stainless steel, IP69K certified Panel mount model: Stainless steel front panel, certified type 4x/12 protection
Shipping weight	3.5 kg (7.7 lbs)
Power	Universal power supply, 87 to 264 VAC at 49 to 61 Hz, 600 mA consumption
Operating environment	-10°C to +40°C (14°F to 104°F), 10% to 95% relative humidity, non-condensing
Display	Vacuum fluorescent, 21mm weight display, graphic capabilities; 128 x 64 dot matrix. Maximum resolution 100,000 divisions
Keypad	Clear, Tare, Print, Zero, navigation keyset, full numerical keypad, alphanumeric capability,5 physical softkeys (15 total assignments)
Supported scale types	Power up to 14 POWERCELL® PDX® load cells
Calibration options	Flexible calibration options include: Traditional calibration with separate zero and span captures; 5-point linearization; step-calibration; CalFREE™ electronic calibration (requires no test weights) for non-approved applications Program and store a repeatable calibration sequence (up to 20 steps) Configurable calibration alerts and actions
Connectivity	2 electrically isolated serial ports standard (COM1: RS-232/RS-422/RS-485, COM4: RS-232) Optional 10Base-T Ethernet TCP/IP port with two additional serial ports (COM2: RS-232; COM3: RS-232/422/485) Optional COM3/USB/Ethernet: COM3 with RS-232/RS-485, USB and Ethernet TCP/IP
Interface options	PLC (select one option): Allen-Bradley® Remote I/O, PROFIBUS® DP, DeviceNet™, Analog Output (4-20 mA or 0-10 VDC), EtherNet/IP™, Modbus TCP Local and Remote I/O (relay-based): Maximum of 12 inputs and 18 outputs
Agency approvals	**Weights and measures** USA: Class II 100,000d, Class III/IIIL 10,000d, CoC 05-057A2 Canada: Class II 100,000d, Class III 10,000d, Class III HD 20,000d, AM-5593 Europe: Class II determined by platform, Class III 10,000e, Class IIII 1000e. Includes Alibi Memory, T2206, T2391 Australia: Class III 7500e or 3 x 3000e multiple range, NMI S483 (pending) **Electrical Safety** Panel: UL Recognized Component I.T.E. 202B; CE Harsh: cULus I.T.E. 202B; CE

www.mt.com/IND5xx

For more information