

Weighing Terminals



IND560

Weigh

Control

Comply

Connect

Versatile Technology
focused weighing solutions

METTLER TOLEDO

Increase productivity Across your applications

- Weigh from milligrams to tonnes
- Control manual, semi-automatic and automatic processes
- Comply with industry regulations and global approvals
- Connect your system to PLCs, LANs, WANs and the Internet



The IND560 represents the latest in METTLER TOLEDO technology and is one of the most versatile weighing terminals available today. Choose from conventional strain gauge or high precision electromagnetic force restoration weighing technologies. Specify direct PLC/PC communication interfaces or digital I/O control. Combine these selections with either panel, desk, wall, or column mounting, and the IND560 is the perfect match for most weighing applications.

- Basic weighing
- General process weighing
- Filling and blending
- Formulation
- Over/under checkweighing

Weigh

Enhance your measurement or control applications with an ultra fast A/D conversion rate of 366Hz,

TraxDSP™ digital filtering technology, and an I/O bus update rate of 50Hz. The IND560 delivers precise repeatable measurement data from milligrams to tonnes in a single cost effective package that easily integrates into existing systems.

Control

The versatile IND560 excels in controlling filling and dosing applications. It delivers best-in-class performance for fast, precise, accurate results in manual, semi-automatic, or fully automatic operations.

For more advanced filling, the Fill-560 application software adds additional sequences and component inputs. Quickly configure standard filling sequences or create custom filling and blending applications without complex and costly programs.

Comply

The IND560 is designed specifically for industries subject to regulatory controls, such as pharmaceutical, chemical, food and beverage, and has been certified by multiple global agency standards including UL, CE, NTEP and OIML.

Connect

The IND560 offers multiple connectivity options to improve your applications. Direct PLC connectivity is available using 4-20mA Analogue output, Allen-Bradley RIO, Profibus L2 DP or DeviceNet* protocols. Interfaces are also available for serial data via RS-232/422/485 and Ethernet TCP/IP networking.

*When used with the METTLER TOLEDO DeviceNet Bridge Module.

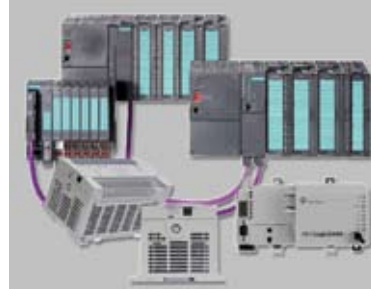
Flexible features for focused solutions

Common platform Regardless of sensor technology



Select an analogue scale interface for use with an analogue base or weigh module system for fast system performance, or match with an appropriate METTLER TOLEDO K-Line high precision scale base for the high weighing resolutions (to 0.1g or 0.0002lb).

Interface to new or existing control systems



Technologies are quickly advancing, outdating many common protocols. The IND560 provides interface options for either the latest in communications technology or to integrate with legacy systems. Utilise the IND560 features today on your existing network, then add an option card later to communicate on your network standards.

Large graphic display provides visual cues for operators



The 47mm (1.9") vacuum fluorescent display uses bright 21mm (0.8") characters for weight indication. Programmable softkeys define single button operations for faster product throughput and consistent product quality.

Enable the SmartTrac™ graphical display mode for manual operations to clearly indicate the status of current weight in relation to the target value, reducing operator error.

Solutions for the harshest environments



To withstand the environments of the pharmaceutical and chemical industries, the IND560 is assured Type 4/12 (Panel) and IP69K (Harsh) protection categories.

The needs of the food and beverage industries are also met. The unit's 304 stainless steel construction and polished, sanitary finish resist aggressive cleaning agents, high pressure and temperature cleaning requirements dictated by EHEDG and NSF guidelines.

Maintain uptime and ensure system quality



- TraxEMT™, the Embedded Maintenance Technician, sets the IND560 apart. Monitor and analyse system performance, enabling action before a failure occurs.
- Advanced calibration options allow for the most cost effective operation. Use the automated 5-Point or Step Calibration routines for the highest accuracy, or

exclusive CalFREE™ technology to get up and running without test weights.

- The InSite™ Configuration Tool provides connected or offline access to the IND560 terminal for efficient and repeatable setup. Quickly and accurately upload or download system parameters via a serial or Ethernet connection.
- MinWeigh functionality helps insure the weighing of your critical ingredients are always within acceptable limits by displaying a warning when the weight is below the minimum weight threshold.

www.mt.com

Visit for more information

Mettler-Toledo GmbH
PO Box VI-400, CH-8606
Greifensee, Switzerland
Tel. +41-44-944 22 11
Fax +41-44-944 31 70

METTLER TOLEDO® is a registered trademark of Mettler-Toledo Inc. All other brand of product names are trademarks of their respective companies.

Subject to technical changes
©2005 Mettler-Toledo Inc.
MarCom MTWT - IN03437.0EU

MTA - 22013845



ServiceXXL
Tailored Services

Quality certification. Development, production, and auditing in accordance with ISO9001. Environmental management system in accordance with ISO14001.

Tailored Services. Our extensive service network is among the best in the world and ensures maximum availability and service life of your product.



Conformité Européenne
This label is your guarantee that our products conform to the latest guidelines.