

# Weighing Terminals



IND570 Terminal

Multi-functional

Easy to integrate

Rugged and reliable

**One Terminal. Many Solutions.**  
Improved Processes. Greater Productivity.

**METTLER TOLEDO**

# Integration and Control Options

Whether your application requires accurate, repeatable measurements in milligrams or tons, the IND570 provides a scale interface appropriate to the task. The IND570 sets the pace in versatility in both manual and automatic weighing applications.

## Optimize Accuracy for Every Application



The IND570 interfaces with a variety of analog load cells and weigh modules. A single IND570 can interface with large scales, driving up to twelve 350 Ω analog load cells.

Increased weighing precision is easy to achieve when an IND570 is paired with a digital bench or floor scale from the comprehensive METTLER TOLEDO range.

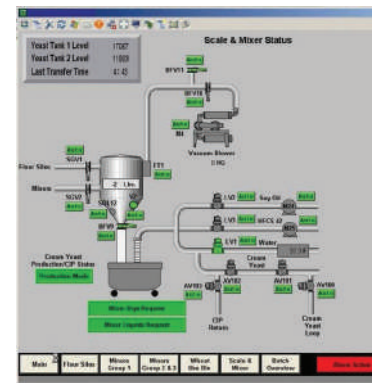
## Bring Production Under Control



In manual weighing applications, the highly visible display can be programmed with plain language routines to guide users through operations to improve efficiency and avoid costly errors.

If automation is your goal, the IND570 offers a high potential for cost savings when functioning as a stand-alone process controller. Discrete I/O options and easily programmed software take control of your process to produce accurate, repeatable results.

## Capitalize on Existing Investments

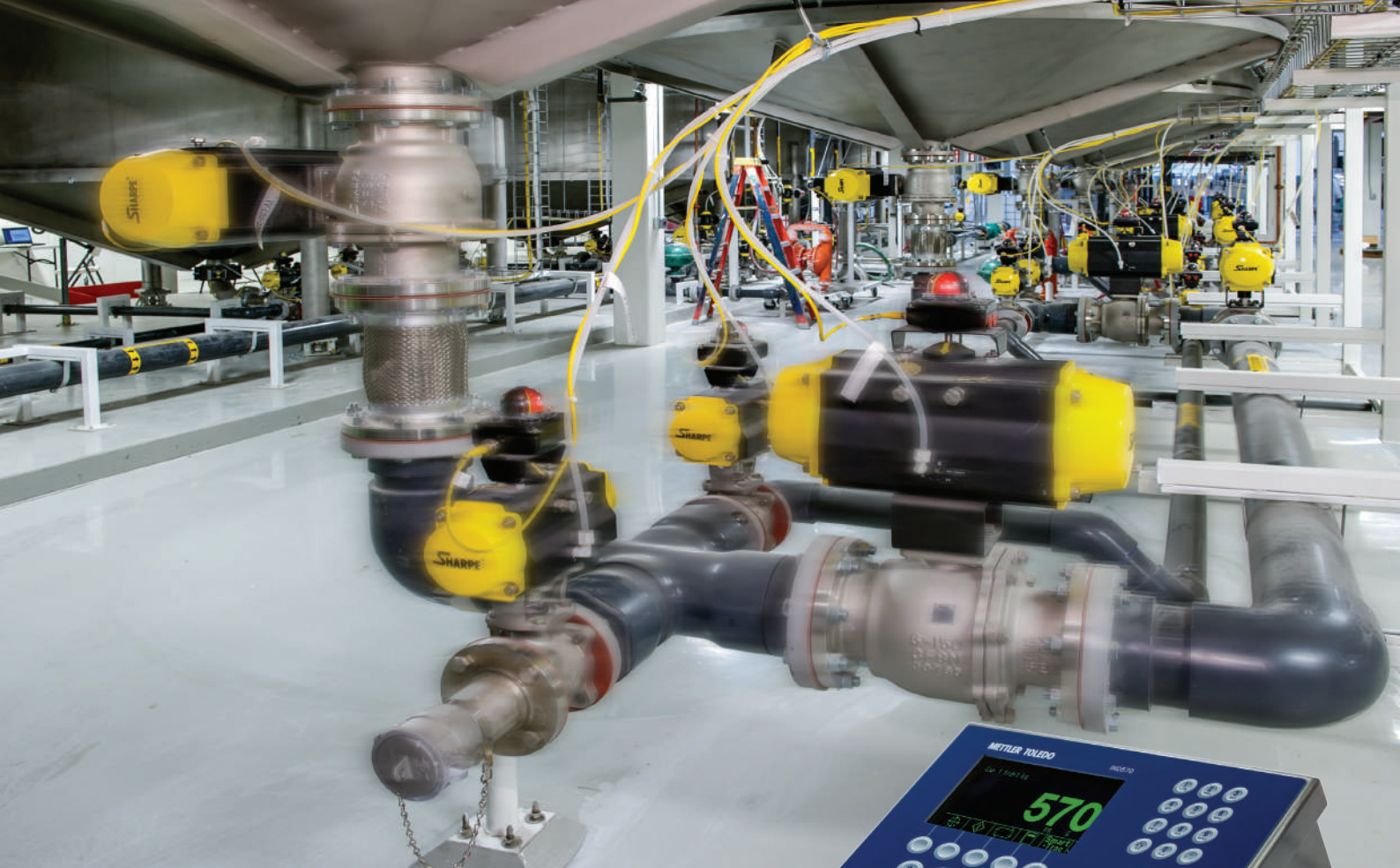


If your weighing application is one part of a larger facility control system, the IND570 has a solution that allows you to build on that investment and facilitate your weighing application using your existing control structure.

IND570 offers multiple PLC interface options, along with sample programs and Rockwell Automation Add-On Profiles that make for routine integration into distributed control architectures.







## Don't Sacrifice Productivity for Accuracy

The IND570 can combat the noise in your weighing systems. Mechanical and electrical fluctuations that can corrupt the weight signal are managed by TraxDSP™, advanced digital signal conditioning software, integrated into the terminal.

TraxDSP constantly and rapidly produces filtered weight data, representing the true weight portion of the load-cell signal, all without needing to slow the production process.

### Additional Features at a Glance

- Panel-mount model available in AC and DC powered versions, for installation into control cabinets
- IP69K desktop/column/wall-mount model available for heavy wash-down conditions
- Stainless-steel construction for aggressive production environments
- Large OLED display accommodates local languages, and allows use of graphics for effective communication
- Tactile feedback from the keypad reassures operators during manual operations

► [www.mt.com/ind-traxdsp](http://www.mt.com/ind-traxdsp)

# Manage Crucial Data

**The IND570 answers industry's requirements for data collection, tracking and tracing, reporting and analysis. The terminal combines a host of customizable data structures with multiple communication interfaces to provide you with convenient access to the data you need, when you need it. To meet the need for data protection, the IND570 offers user security features that, when implemented, limit access to sensitive information and operations.**

## Secure, Efficient Access to Data



A standard USB host port and easy-to-use data collection and file transfer functions greatly simplify the import and export of process information, such as data tables, reports and transaction logs.

Ethernet connectivity and a built-in web browser grant remote access to your system, providing ready visibility of use and performance data from anywhere in the facility.

## Data Tables Streamline Production



The IND570's on-board data storage capability enables efficient production. With libraries for formulas, materials and containers, the information required for production is only a key-press or barcode scan away.

Data tables stored in the terminal can be quickly uploaded for daily production needs and extracted for central consolidation and analysis.

## Customized printouts and labels



The IND570 provides highly flexible printing solutions. A full array of METTLER TOLEDO and third-party printers can be used to print data transmitted from the IND570 over serial and network connections.

Whether connected to a printer or communicating with a specialized software system, flexible and fully-customizable print templates deliver the exact information required to satisfy customer needs and comply with industry regulations.



## Understand System Performance and Adjust to Improve Productivity

Benchmarking the current performance of your weighing system is a critical element in process improvement. The Pac Statistics log available in the Fill-570 software for advanced filling and dosing control is just one example of the readily accessible information that can be used for this purpose. A clear understanding of system performance helps reduce waste and improve the overall quality of the end product.

### Additional Features at a Glance

- PLC interface options support real-time communication and remote control
- Standard Alibi memory provides traceability for 100,000 transactions
- Multiple information logs track changes in setup, compliance testing activity and system performance
- Secure resident FTP server supports file exchange with the IND570 over network and serial connections
- USB connectivity supports simultaneous implementation of multiple devices, including QWERTY keyboards, for easy configuration and data entry



# Global Services Ready For Best Return on Your Investment

**Industrial weighing processes often require complex applications to run in difficult environments. However, data quality and the control of process risks remain fundamental needs. The IND570 introduces enhanced functionality and tools that support consistent performance throughout the life of your weighing system. Global Services and the IND570 work together to prevent unacceptable results at all times.**

## Start with High Performance



Professional installation and setup of the thoroughly tested IND570 hardware and software guarantee good results from day one. Periodic equipment checks guard against breakdown, parts failure and accelerated wear and tear.

## Maximize Uptime



The IND570 features built-in mechanisms for self-check along with proactive alerting functions that notify personnel of system issues. Performance data, diagnostic logs and secure system backups support the METTLER TOLEDO Service Teams in their efforts to quickly get your process back online and working for you.

## Weigh With Confidence



Take advantage of the comprehensive equipment qualification and calibration packages available from METTLER TOLEDO. They support good audit results and help you achieve full compliance with your industry's regulatory norms. Combine these services with the routine testing features available in the IND570, and you'll have peace of mind in your daily production.

METTLER TOLEDO

IND570

Cap 6 kg/d=10 g

5.70

kg G

USB

GMP



## GWP<sup>®</sup> by METTLER TOLEDO

The METTLER TOLEDO Sales & Service Team can accompany you every step of the way from helping select the right equipment for your needs with GWP Recommendation, through to daily operation supported by GWP Verification. Our expertise means you can enjoy excellent performance, maximum uptime and full compliance with the norms and standards relevant to your industry.

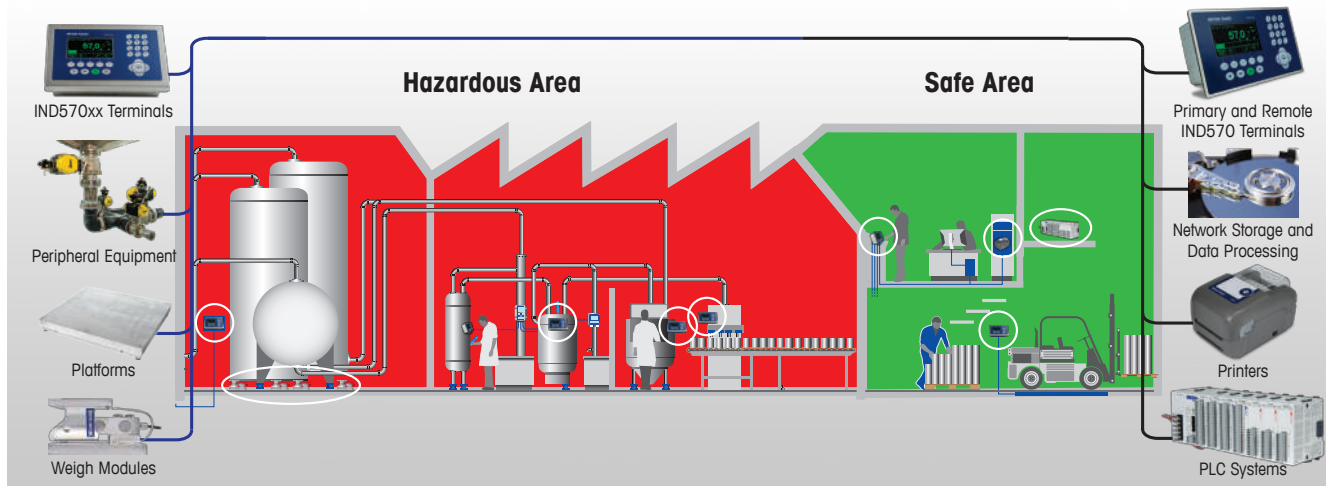


## Test Manager GWP<sup>®</sup> Now Available in IND570

GWP Verification service provides clear guidance for performance verification of your scale, the frequency of the calibration, the required test weights and the ideal maintenance plan. The IND570, with integrated Test Manager GWP, makes it easier than ever to conduct the routine testing required to confirm weighing system performance and provide the documentation needed for compliance.

[www.mt.com/gwp](http://www.mt.com/gwp)





## Weigh with Ease in Classified Hazardous Areas

The IND570xx brings the flexibility and power of the IND570 terminal into Division 2 and Zone 2/22 hazardous areas. Available in Harsh and Panel enclosures, the IND570xx is offered for installations powered by AC or 24 VDC power versions, providing a certified and economical solution that is ready to use right out of the box.

- Global approvals for consistent and reliable safety
- Ready to work – includes hardware necessary for installation in a hazardous area
- Direct process control available, via optional solid state I/O and PLC interfaces

### Assured safety, world-wide



The IND570xx carries FM approvals for installation in Class 1 Division 2 Groups C/D/F/G certified areas in North America, and Category 3, Zone 2/22 ATEX and IECEx approvals for gas and dust for installation in Europe and the rest of the world.

### Ready for Installation



Terminal comes ready with factory-installed hardware, whether they be ATEX certified cable glands for installations in EU or conduit hubs for installations in North America.

### Controls-Friendly



Whether equipped with optional Solid State I/O or one of the various PLC interface options, IND570xx function as a powerful standalone terminal or as an integral element in an automated process control system inside the hazardous area.



# Applied Functionality with IND570 and POWERCELL

The PowerMount line of precision weigh modules and the PDX vehicle load cells offer superior digital performance for exacting industrial weighing processes. POWERCELL-based weighing components are connected in a simple daisy-chain network.

- Predictive maintenance built-in
- Simple cabling and connections
- CalFree™ for automated calibration without using test weights
- Designed for easy installation

Silo, Tank and Hopper



Vehicle Applications





## Global Presence

The IND570 carries approvals and certifications for use around the world.

With our market organizations operating in most industrialized countries, as well as selected partners in other regions, we are ready to serve you well around the globe. Our geographically focused marketing organizations and partners are responsible for all aspects of sales, service and support. Six thousand factory-trained service and sales specialists are ready to support you worldwide.

Products are developed and produced in various locations in the United States, Europe and China.

[www.mt.com/IND570](http://www.mt.com/IND570)

For more information

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