

OEM & System Integration



A Full Range of Solutions
Globally Approved and Supported

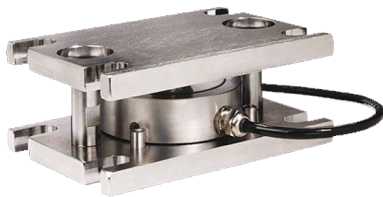
METTLER TOLEDO

Products and Solutions Cover Every Need

The Sensors – Fit for every purpose

Load cells & weigh modules

METTLER TOLEDO offers a full range of the world's best load cells and weigh modules, from a few grams to hundreds of tons. We offer both digital and analog load cells for everything from simple scale applications to high speed in-motion weighing and harsh environments.



Platform scales

Bench, portable, pallet and floor scales – METTLER TOLEDO has the right solution for your applications. You can choose from analogue strain gage and high precision digital technology that cover ranges up to six tons with approvable resolution of up to 32 000 points. Many platforms also meet international hygienic design standards.



The Terminals – Put speed, flexibility and accuracy in your weighing applications

Fast

Our process terminals update the weight information more than 300 times per second. This allows to manage and control filling, blending and batching processes in the most repeatable manner.

Flexible

Many of our weighing terminals are available preconfigured for typical weighing tasks or programmable to easily adapt to any application.

Rugged and compact

Our terminals combine high performance and rugged industrial design, with protection of up to IP69K. Many products come in panel mount versions with a very compact footprint.

Accurate

We give you the freedom to use the same terminal with either strain gage or digital high precision cells to give you the accuracy needed for a specific application.

State-of-the-art technologies

Predictive maintenance, fieldbus connectivity, configuration via PC, embedded internet server, patented digital filtering, predictive adaptive control, multiscale: Our terminals come with the newest technologies to simplify integration and process design, reduce commissioning time, increase uptime and improve your customers results.

The Transmitters – Smart technology, compact design

Our transmitters are used where direct PLC/PC connectivity is required without a local display. Equipped with 4-20mA output or fieldbus connectivity you get the direct link to your control system. Eliminating the display results in space and cost savings, and avoids operator distraction in applications where a visual weight display is not needed. Our CalFREE™ technology saves you time at startup and maintenance as it eliminates the need for test weights where estimated calibrations are sufficient for your needs. TraxDSP™ digital filtering results in an accurate and stable signal even when exposed to vibration from nearby mixers or machinery. Transmitters are available mounted in a harsh environment enclosure or for DIN rail mounting.

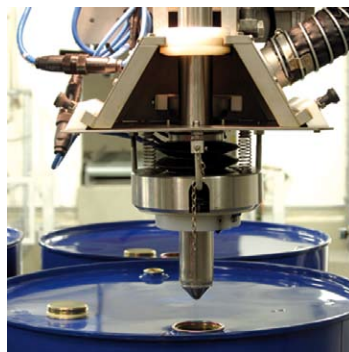


Application Expertise To Make Integration Easy



Tank weighing

Liquids, powders, solids, and gases are captured, stored, and processed in many different types of vessels, tanks, hoppers, and unique containers. Whether managing inventory, ensuring product consistency, or eliminating waste, there are numerous requirements for integrating weighing into these structures.



Filling

When filling intermediate bulk containers, totes, bags, drums, sacks or vehicles; you need very fast, precise, and repeatable results. Our high-performance weighing terminals with precision scales, weigh modules and high precision cells provide you with unmatched accuracy.

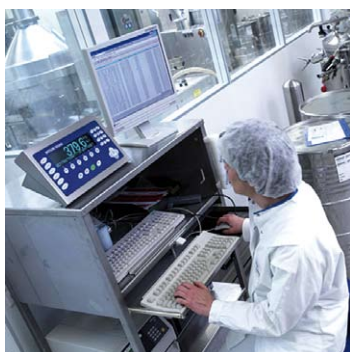
Formulation

If valuable raw materials need to be added accurately to produce the right mixture, then the METTLER TOLEDO line of terminals and scale bases are the right choice. Our FreeWeigh® and FormWeigh® SQC/SPC programs continuously monitor the process and provide the reporting tools to ensure your filling process remains in tolerance.



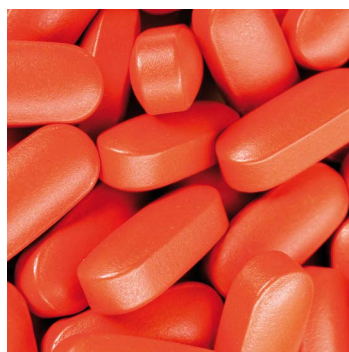
Batching and dosing

METTLER TOLEDO provides automated, semi-automatic, and manual batching controllers as well as custom-tailored material transfer control strategies to meet specific needs. Fast, accurate and reliable, our controllers can be combined with high performance scale bases, weigh modules, or measuring cells.



Data integration

Our terminals and instruments are professional communicators. METTLER TOLEDO can provide you with a wide variety of data interfaces to enable you to communicate with your PLC's, MES or ERP systems.





Technologies That Set Your Solution Apart

Full connectivity & optimized information flow

Thanks to our cooperations with the world leading suppliers of PLC, process control systems and enterprise software, you can be assured that there is no easier way to integrate weighing technology into a modern process management environment.



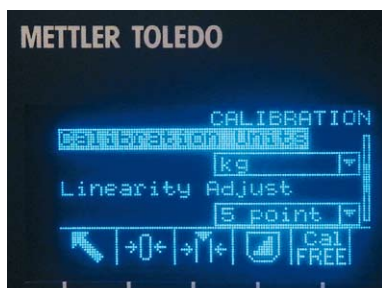
TraxEMT™ – Predict failures before they occur

TraxEMT™ monitors the condition of the weighing system and alerts designated individuals of potential failures or maintenance requirements via eMail, SMS or via the operator interface. Weighing systems have built-in diagnostics that monitor the stability of each individual load cell and control and log various operation parameters, such as zero and span, alarms, errors, scale impacts and overloads, etc. for quick diagnostics and immediate action.



CalFREE™

Calibrate without test weights! CalFREE™ saves time and money. Only the load cell output sensitivity and capacity is needed to calibrate without test weights. Traditional calibration techniques are of course also supported.



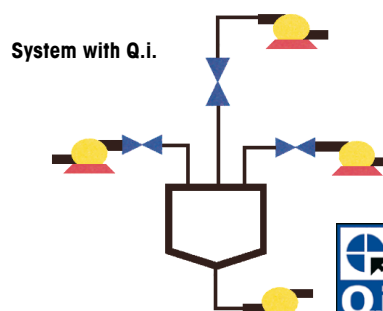
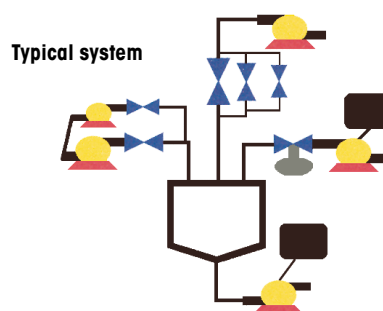
TraxDSP™

Built-in TraxDSP™ digital filtering with proprietary analog-to-digital technology and patented compensation algorithms results in an accurate and stable signal even when exposed to vibration from nearby machinery.



Qi – The innovative material transfer software

Success in a competitive manufacturing business requires a strategy that can increase efficiency, reduce costs, and generate profits consistently. For manufacturing facilities that use batch, blending, or filling control systems, that strategy for success is Q.i, the Material Feed Measurement and Cut-Off Control System. Qi is a real-time, predictive, adaptive optimization of filling and batching processes. It significantly impacts your manufacturing costs by simplifying the installation, increasing feed accuracy and shortening batch cycle times. Qi easily integrates with all commonly used process control systems. With Q.i. material transfers are delivered up to 30% faster and cut-off repeatability is increased – in some systems by up to 90%!



Global Reach

Serving You Around the World

Wherever you install your equipment, there is a good chance that METTLER TOLEDO is already there. We serve customers worldwide with the largest network in our industry.

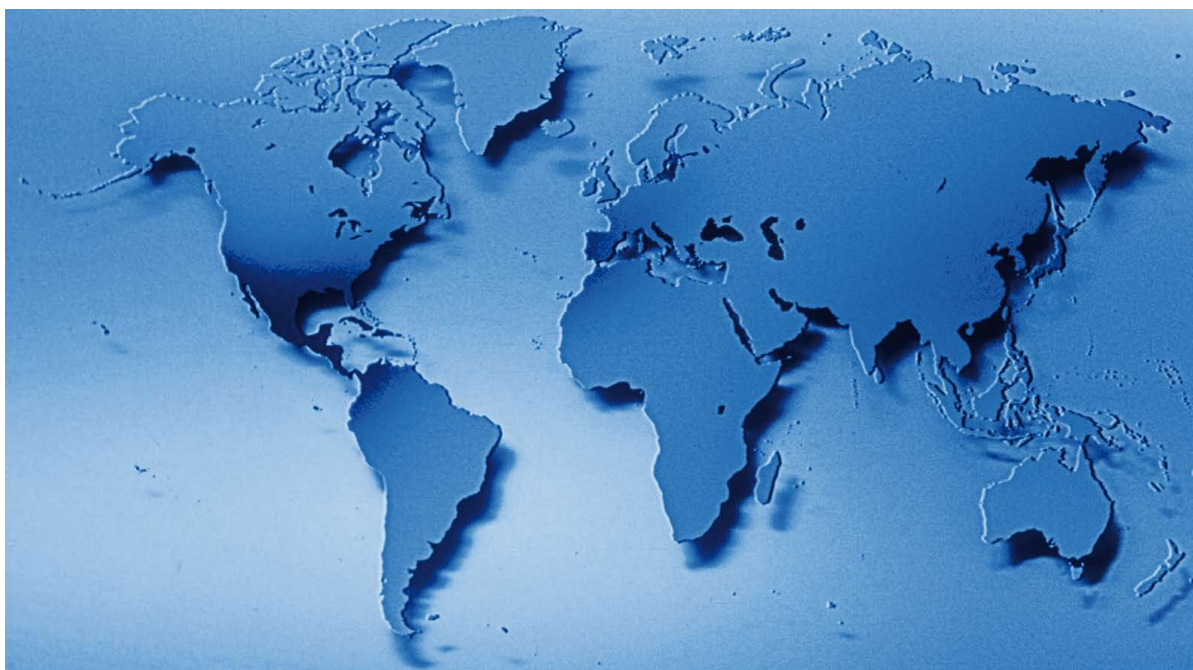
Worldwide manufacturing

We operate innovation centers and manufacturing facilities in Europe, the USA and Asia. These organizations help shorten development time, improve customer focus and maintain technological leadership.

Focused market organizations

Through our own market organizations and select sales and service partners, we serve customers in virtually every country.

► www.mt.com/service



Be Compliant

with Our Weighing Products

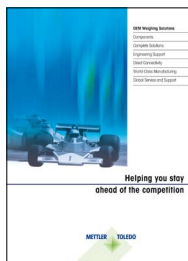
Many weighing systems require approvals by local and international authorities. METTLER TOLEDO offers you the widest range of worldwide approved weighing equipment and accessories. You can also benefit from the largest range of approved hazardous area (Ex) weighing solutions.

Global regulatory compliance

- Haz Area approvals ATEX, FM, CSA
- GMP and cGMP compliance
- GAMP compliance
- OIML and NTEP approved
- Hygienic designs EHEDG and NSF

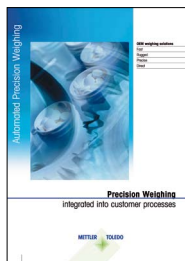


Share Our Knowledge



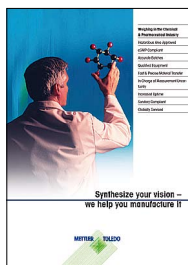
OEM Weighing Solutions

Helping you stay ahead of the competition



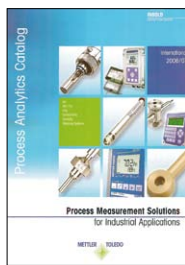
OEM weighing solutions

Precision Weighing integrated into customer processes



Weighing in the Chemical & Pharmaceutical Industry

Synthesize your vision – we help you manufacture it



Process Analytics

Catalog 2006/2007



Hazardous Area Focus

Where safety comes first



Competence in Process Weighing

Process control made easy



Qi

Collaborative Thinking – Sustained Returns



Predictive Maintenance

Keep your process up and running – all the time



www.mt.com

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