

Serialization

HI-SPEED
Checkweighing



- Global Anti-Counterfeiting Solutions
- Fulfilment of Legal Requirements
- Increasing Product Safety
- Brand Protection



Pharmaceutical Serialization Integration

Trust us to show you the way

METTLER TOLEDO



METTLER TOLEDO Hi-Speed is leading the way in the field of marking, verification and checkweighing systems that won't slow down your production processes.

Future serialization laws will create enormous challenges for pharmaceutical manufacturers.

What impact will this have on productivity, accuracy and efficiency?

The combined strength of METTLER TOLEDO and Hi-Speed provides the expertise and reassurance that pharmaceutical plant operators require as they search to deliver a range of results at the sharp end of the serialization requirement.



But where to begin?

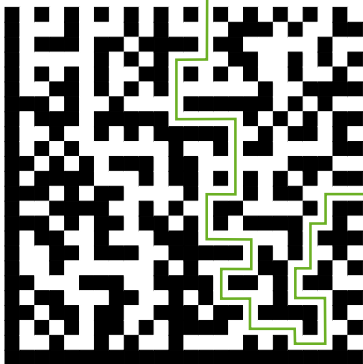
- With the best printers?
- The best vision inspection systems?
- In view of the high speeds at which pharmaceutical plants operate, how do you ensure your products are perfectly placed so codes don't smudge and can't be read?
- Can it be achieved without drastically slowing down production throughput?

In this complex operational and compliance driven environment, METTLER TOLEDO Hi-Speed is, without doubt, the leader in serialization integration. **The world's foremost pharmaceutical manufacturers use our intimate understanding** of process needs and market leading technology integration to make the right decisions.

Our project expertise in checkweighing applications, allied to a powerful capability in package handling, vision inspection and high-end printer technology, means that METTLER TOLEDO Hi-Speed is leading the way in the field of marking, verification and checkweighing systems that won't slow down your production processes.

Trust METTLER TOLEDO Hi-Speed to show you the way.

Play online:
www.Hi-Speed-serialization.com
and find your way through the
serialization maze.



Package Handling – the Serialization Challenge

Rapid and accurate 2D matrix printing on a wide range of surfaces, package designs and materials together with efficient read/verification demands sensitive and precise dynamic package handling. METTLER TOLEDO Hi-Speed has perfected this technology and capability from their checkweighing heritage.

A serialization station must integrate readily into any pharmaceutical production line, accepting products at established line speeds, with minimal extra space requirement for this crucial step.

Serialization – retaining huge value in the Pharmaceutical Industry.

The real value is seen at both an industry and a company level. Serialization offers compliance as new laws are adopted throughout the world. Serialization will also help to avoid the cost of misplaced or counterfeit deliveries – creating a definitive, verifiable "track and trace" from producer to end customer.

At a production level, serialization is an additional but critical step. METTLER TOLEDO Hi-Speed will minimize this impact through their intimate knowledge of high precision product handling and complex system component integration within the packaging line.



Maximum flexibility in serializing products

METTLER TOLEDO Hi-Speed XMV System

The XMV Marking and Verification system is a complete serialization solution giving Track & Trace capabilities to existing or new production lines. All components, which include ink jet printing systems, high-resolution visual verification systems, mechanical transfer units and rejecting devices, have been finely tuned to enable you to meet global Serialization, E-Pedigree and Track & Trace legal requirements and specifications.



Conforms to Pharma requirements

The XMV can be immediately integrated into all applications where the production process needs to conform to pharmaceutical user requirements specifications (URS) such as 21 CFR part 11, full traceability, audit trail and validation supporting documentation. This offers considerable time and money savings in all critical steps from planning to commissioning.

Precision product transfer

The mechanical transfer unit is equipped with easily adjustable hand wheels for high-accuracy position control, enabling system adjustment for variable package dimensions in seconds. This dramatically reduces downtime for product changeovers. Exact handling allows for high conveyor speeds (up to 90m/min) increasing productivity and sustaining existing line speeds for current and future applications.

Designed for your "trusted partners"

The XMV has been designed to function with a multitude of world leading marking and vision inspection systems. This gives you the freedom to choose components from suppliers already designated by your company as "trusted partners". This enables easier integration in your IT network and data communication protocols.

Space-saving design

The compact design saves valuable production floor space and allows one-step integration into new or existing pharmaceutical production lines.

Enhanced features (optional)

- Open flap detection
- Incorrect product alignment detection
- Successful rejection confirmation
- Product backup detection – automatic conveyor stop
- EQ Pac documentation for equipment qualification
- Factory Acceptance Test (FAT)

User security access

This function protects critical menu functions and features using a multi-level password and user profile system. Ensures production integrity for high value products and minimizes operator errors.





Fraud prevention and complete quality control

METTLER TOLEDO Hi-Speed XS2 MV System

Dynamic checkweighing, marking, verification, precision product handling and reliable sorting – the perfect combination of all processes in one compact system. The XS2 MV checkweigher combines accurate weighing, marking and vision verification in compliance with global traceability and fraud protection requirements. The product codes printed onto the collapsible box by the printing system are verified for accuracy and legibility and serve as a key for legally required quality certificates.



Expertise in pharmaceutical checkweighing
A wide range of options specifically designed for the pharmaceutical industry is available; factory acceptance test, validation supporting documentation and our world-wide service network all ensure that producer requirements will be perfectly met.

Maximum reliability
Finely tuned system components including transfer belts, ink jet or laser printing systems and print verification devices ensure an optimum production flow, perfect printing quality and increased line efficiency.

Maximum precision
Precise mechanical product transfers and reliable product sorting guarantee process reliability and a high production volume.

Track & Trace flexibility
Optimum printing of unique series of digits or datamatrix barcodes to meet current and future legal requirements.



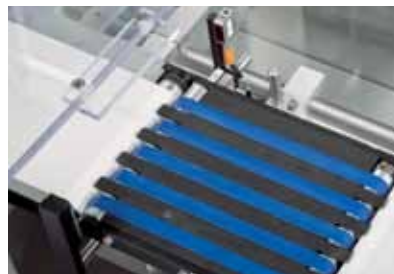
User-friendly interface for rapid product changeover



All components are fully adjustable for maximum flexibility



Increased quality control using multiple rejection stations



Extremely sensitive weighing platform



XS2 MV with laser marking system

Superior Service and Support

Every great relationship is built on positive intent – a shared willingness to approach each opportunity constructively and to search for improvement at every step. A global network of strategically located, highly trained and certified technicians are at your disposal to ensure maximum support, service and rapid response!

This attitude is obvious from the moment we manufacture one of our product inspection systems and continues throughout the complete lifetime of the system.

METTLER TOLEDO offers a wide range of supporting services for the pharmaceutical industry specifically designed for compliance with regulatory requirements. These supporting services include:

- Extensive testing with original products
- Factory Acceptance Test (FAT)
- Site Acceptance Test (SAT)
- Equipment Qualification Package (EQ Pac documentation)
- Validation and performance verification
- 21 CFR, Part 11 Certification

Our after-sales service agreements are designed to ensure that your system performs to the original requirements as stated in the URS for its designated lifetime. These agreements include:

- Regular inspections including routine and preventative maintenance
- Regular performance verification tests
- Service personnel and operator training
- Immediate access to a full spare parts inventory
- 24/7 worldwide support

Each service agreement is tailored to your unique circumstances and requirements.

These are the key components of our complete service and support offering – designed to provide manufacturers and plant operators with the confidence to drive productivity improvements through their processes. Combined with an intimate knowledge of customers' requirements, they are the "standards" that our new, proactive service proposition is built on. This means you can rely on rapid response, high value process consultancy and skills training to support production initiatives.

Our service and support engineers are conditioned to deal in positives – to provide solutions that have a measurable UPSide for your business. We provide solutions built on key elements that represent the cornerstones of a consistent, world class service offering.

www.mt.com/hi-speed

For more information

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