

NEW

ATLANTIC ZEISER

mediline T&T

Inline Coding Module with Central Serialization Solution

- Process-safe serialization thanks to integrated MEDTRACKER interface
- Optional with tamper-evident module, top labeler and checkweigher
- Precise transport mechanism for reproducible coding results
- Intuitive operation and quick format change



mediline T&T

The ultimate coding solution – all functions in one

Looking for a fast and reliable coding system to fulfill all international requirements for serialization and track & trace? You would not only need a compact module that combines all necessary functions in a small footprint and easily integrates into your existing production environment but also a comprehensive system solution that gives you the flexibility to adapt workflows when necessary?

In this case the MEDILINE T&T is the ideal solution! Thanks to an elaborate and precise transport belt coding results become reproducible even at high production speeds of up to 400 units per minute. Format changes can be realized in less than 5 minutes. MEDILINE T&T is also available with a tamper-evident module to apply security labels on both flaps of the folding box as well as with an infeed checkweigher.

The central graphical user interface with a clever link of printer and camera layout facilitates the setup of recipes significantly and saves time. In addition MEDILINE T&T is equipped with an integrated interface to MEDTRACKER, the modular and future-proof serialization software from Atlantic Zeiser.

This combination guarantees a maximum of process safety and allows to reliably generate unique codes, to distribute and split them over several MEDILINE T&T coding modules and to centrally retrieve, store and forward serialization data or to use them for subsequent aggregation. In this unbeatable combination MEDILINE T&T becomes the ultimate coding solution for all recent and future serialization and track & trace projects.

MEDILINE T&T was developed in accordance with recent GMP guidelines and offers everything that you can expect from a modern inline coding system:

- Precise transport mechanism for reproducible coding results even at high speeds
- Quick mechanical setup of jobs with one single product sensor
- Swapping of camera and printer position without need to install additional devices
- Inspection camera with code grading functionality
- Rejection mechanism with two separated compartments, ideal for line clearance
- Intuitive operation and setup of recipes over one central touchscreen
- Software and user management according to 21 CFR Part 11
- Available with tamper-evident labeling module, top labeler and infeed checkweigher



When encountering some of these challenges, MEDILINE T&T in combination with MEDTRACKER is the right solution:

- Audit-proof and process-safe serialization workflows
- Quick and space saving integration into existing production lines
- High demands regarding printing quality and reproducibility
- Frequent format changes
- Sealing of folding boxes with tamper-evident labels, checkweighing or additional labeling from the top



The elaborate transport belt guarantees best and reproducible coding results at any time. Format changes can be managed in little time while the printer and camera position can be swapped on demand.



The setup of recipes and the control of all functions is managed over an intuitive graphical user interface. The inspection camera triggers if necessary the rejection and reports every activity to the MEDTRACKER database. In addition all audit-relevant information and events are exchanged as well.



The optionally available tamper-evident module allows to seal cartons with labels and reliably checks their presence. Format changes for boxes with flaps in different opening directions can be realized in little time. Format range (A x B x H) in moving direction: min. 30 x 15 x 60 mm, max. 240 x 140 x 200 mm

Technical Specifications	MEDILINE T&T			
Printing System	Cartridge printer based on HP technology			
Printing Width	12.7 mm 0.5 inch (25.4 mm 1 inch optional)			
Resolution	Max. 600 x 600 dpi (with 38 m/min 125 ft/min)			
Typical Products	Non varnished, erected cardboard boxes			
Max. Speed	Up to 400 folding boxes per minute (depending on size and format)			
Vision System	800 x 600 pixels with OCR/OCV functionality and quality inspection (higher resolution on demand e.g. for 1D codes)			
Conveyor Height	850 mm 33.5 inches, adjustable +/- 50 mm 1.97 inches (other heights on request)			
Size of Boxes in Moving Direction (A x B x H)	Min. 30 x 15 x 60 mm	1.2 x 0.6 x 2.4 inches	Max. 240 x 140 x 200 mm	Max. 9.4 x 5.5 x 7.9 inches
Power Supply	230 / 380 – 400 VAC 50 or 60 Hz 3 phases + N + PE 16 A			
Power Consumption	3000 – 4000 W			
Compressed Air Supply	6 bar			
Standard Features	Housing made of stainless steel in balcony design, rejection with air blow, two separate rejection compartments, HSA cartridge printer, Cognex vision system, graphical user interface for printer, camera and transport over 10" touchscreen, integrated interface to MEDTRACKER serialization software			
Optional Features	Symmetrical alignment of incoming products, additional bracket to swap position of printer and camera without tools, additional print heads and cameras, rejection with pneumatic cylinder, tamper-evident module, top labeler, infeed checkweigher, stand-alone operation with integrated line manager			
Optional Tamper-evident Module with two Labeling Heads and Presence Control	Label formats min. 15 x 15 mm 0.6 x 0.6 inches max. 40 x 40 mm 1.6 x 1.6 inches Positioning accuracy of labels +/- 1 mm Max. dispensing speed 50 m/min 164 ft/min or 350 labels/min Max. diameter 310 mm 12.2 inches Detection of transparent and semi-transparent labels			
Weight Base Module (Minimum Configuration)	500 kg 1102 lbs			
Dimensions (l x w x h)	Base module:	800 x 1030 x 1952 mm	31.5 x 40.6 x 77 inches	
	Base module with tamper-evident:	1600 x 1300 x 1952 mm	63 x 51.2 x 77 inches	
	Base module with infeed checkweigher:	1450 x 1030 x 1952 mm	57 x 40.6 x 77 inches	

MEDILINE T&T complements our portfolio of packaging print systems and track & trace solutions for the pharmaceutical industry and its service providers. Innovative products by Atlantic Zeiser ensure more safety, efficiency and reliability in many application areas.

- **MEDTRACKER:** database-supported serialization solution of pharmaceutical products; scalable for individual systems and lines up to entire sites and manufacturers
- **MEDILINE CodeCollect^M:** manual aggregation unit with ergonomic operation and central serialization solution
- **DIGILINE Versa:** complete system for late stage customization and serialization for flat cartons
- **DIGILINE Single:** stand-alone high-performance system for the serialization of flat cartons
- **DIGILINE Compact:** entry-level personalization and coding solution for short-run printing on flat cartons and cardboard blanks
- **DIGILINE Blister:** high-quality, variable digital printing on blister lid foil for small and medium-size batches
- **DIGILINE Label:** high-speed label printer for late stage coding and serialization of flat labels in highest quality and durability
- **DIGILINE Booklet:** system for audit-proof encoding and verification of booklet labels in one step for a wide variety of different formats and thicknesses

Atlantic Zeiser leverages its combined competencies to meet your requirements

- Management software solutions
- Inkjet printing systems
- Individualization systems
- Ink

Atlantic Zeiser's excellent service and support

- Efficient preventive and corrective maintenance
- Fast emergency and extended service support
- Installation and start-up support
- Remote service support and hotline
- Customized and individual after-sales service concepts
- Tailor-made service contracts
- Professional training and workshops
- Worldwide service network with local service teams incl. part and supply service
- Consulting

ATLANTIC ZEISER Germany · Bogenstrasse 6-8 · 78576 Emmingen-Liptingen · Phone +49 7465 291-0 · Fax +49 7465 291-166 · sales@atlanticzeiser.com

ATLANTIC ZEISER Americas · 15 Patton Drive West Caldwell · New Jersey 07006 · Phone +1 973 228-0800 · Fax +1 973 228-9064 · sales@atlanticzeiserUSA.com

ATLANTIC ZEISER GB · 53 Central Way · Andover, Hants. SP10 5AN · Phone +44 1264 324-222 · Fax +44 1264 324-333 · sales@atlanticzeiserUK.com

ATLANTIC ZEISER Italy · Via Varesina 174 · 20156 Milano · Phone +39 02 33497740 · Fax +39 02 33401413 · azsr11983@atlanticzeiser.it

ATLANTIC ZEISER France · 1 rue du Bulloz · PAE des Glaisins · 74940 Annecy le Vieux · Phone +33 4 50 23 95 65 · Fax +33 4 50 23 95 81 · info@atlanticzeiser.fr

ATLANTIC ZEISER South East Asia · No. 7, Jalan Equine 1G · Pusat Komersil Equine, Taman Equine · 43300 Seri Kembangan, Selangor – Malaysia · Phone +60 3 8959 9107 · sales@atlanticzeiser-asia.com

ATLANTIC ZEISER China · Room 5183, 51F Raffles City Centre, 268 Xizang Middle Road, Huangpu District, Shanghai P.R. China 200001 · Phone +86 21 2312 7568 · sales@atlanticzeiser.com