

# Track & Trace



## Track & Trace

Flexibility

Future-Proof Design

# T2650

## Transparency Through Aggregation

**METTLER TOLEDO**

# Compact Control Unit for Shipping Box Aggregation

## Track & Trace Compliant Labelling and Aggregation of Outer Boxes.

The T2650 is a module for aggregating outer boxes in the Track & Trace process. By verifying all items in a shipping box, it ensures transparency and process safety within the pharmaceutical packaging process. The high-resolution camera reads the 1D and 2D codes for all individual item or bundles\* in a complete outer box.

PCE Line Manager (PLM) registers the allocation of each item or bundle\* to the outer box and enters this information into an external database. The outer box is marked with a unique serial number and registered as a standalone packing unit.

\* Reading of items through foil depends on configuration.

### Industrial Connections

- Ethernet
- I/O 24V
- 230V supply voltage

### Industry Standard

- IP56 protection
- Robust stainless-steel/ aluminium housing



### Future-Proof Design

Option to extend system to meet all existing and future requirements for the outer box aggregation level of Track & Trace systems. Long-term investment protection is guaranteed thanks to quick and easy updates.



### Comprehensive Software Implementation

- 1D code reading
- 2D code reading
- Presence check

### Wide Range of Applications

- Item2Bundle\* aggregation
- Item2Case aggregation
- Bundle2Case aggregation
- Presence check in bundle/case

### Flexible Installation

- Line integration with roller conveyor
- Tilting table for manual operation
- Remote operating terminal

Individually Adjustable Feet

### Automatic Multi-Code Reading

Direct verification of all items in the outer box by the PCE Line Manager (PLM). Data matrix codes are detected and evaluated quickly and efficiently, even when the outer box has been filled with multiple layers.

### Central Track & Trace

Offers management of manual stations through to complete Track & Trace systems in high-speed packaging lines, including aggregation and data management via the PCE Line Manager (PLM).

# T2650

## Maximum System Flexibility

### Characteristics

- Stainless-steel base frame (standalone system)
- Stainless steel control cabinet
- Adjustable height (standalone system)
- Format range depends on configuration (W x L x H):
  - 600 x 400 x 300 mm
  - 600 x 400 x 500 mm
  - 400 x 266 x no limitation

### Hardware

- Central operation via HMI (PLM optional)
- High-resolution camera, typically 11 megapixels
- High-performance LED lighting (maintenance-free)
- Evaluation processor (Windows-based)
- UPS
- Central main switch; 24 DC power supply unit
- Electronically adjustable camera lens
- Monitor for visualization purposes
- Signal lamp

### Range of Application

- French coding
- ITS (Turkey)
- IFAH directive
- EFPIA code of practice
- DT2650A (USA)

Technical Details	T2650
Supply	110-120/230 VAC, 50/60 Hz, single phase, $\geq$ 500 VA
Connection	100/1000 Mbps Ethernet (RJ45)

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

For more information



#### METTLER TOLEDO Group

Vision Inspection

Local contact: [www.mt.com/contacts](http://www.mt.com/contacts)

Subject to technical changes

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