

TRACK & TRACE



CAPA

Case (CI)

Description

The systems of the **CAPA** product family are designed for the packaging process compliant with Track & Trace requirements.

CAPA Case inspects the prints on folding boxes, bundles and shipping cases, the data of which is counterchecked with data base entries.

The processing and aggregation of serialised data is handled by **IMPERA Line Management**.



Area of Application

Applicable Objects:

- Folding boxes
- Bundles
- Shipper Cases

Inspection Criteria:

- Readability of 1D and 2D codes
e. g. Code 128 and DataMatrix

Highlights

- Uniform graphical interface, easy to follow menu and comfortable data input
- High camera resolution achieves optimum results
- Supports serialisation and aggregation
- Automatic adjustment of camera and illumination module when adding a layer
- Movable contact edge for aligning the case
- Movable, modular, robust and ergonomic design
- Stainless steel housing to protect the station
- Implementation of brushless motors
- Excellent power transmission through planetary gear
- High-quality standardised parts allow an efficient supply of spare parts

■ System

CAPA Case is designed for the manual or automatic packaging process. Inspection of the prints of units within a case is handled by **SIGNUM Print**. Data is cross-checked against the database, with serialised data being aggregated by scanware's **IMPERA Line Management**. The station is available as installation in cartoners and checkweighers.

Camera

Depending on the size of the inspected object, cameras with a resolution of up to 29 megapixels and integrated SMD-W-LED illumination are implemented. When inspecting more than one layer of folding boxes, the height of the camera is adjusted by a servomotor.

Illumination

CAPA Case is equipped with a toplight unit which is located in the camera housing. It can be adjusted in 16 levels. The illumination setting is saved as a part of the format and therefore reproducible.

Design

The height of the table on which the cases are placed is fixed.

Contact Edge

To capture all print images, the shipping case has to be aligned correctly. For this purpose



■ Quality is visible.

- Modular build for a multitude of installation options
- Real-time operating system QNX® for security and speed
- Uniform graphical interface and easy-to-follow menu structure
- Hard- and software are expandable and upgradable
- Fully 21 CFR Part 11 compliant
- Wear-free, electronically controllable scanware W-LED illumination
- Easy to install on all common packaging machinery
- Communication with machine via a VDMA XML_P or OPC UA protocol
- Simultaneous use of numerous inspection parameters
- Variety of statistical tools
- Development of special tasks and requirements on your request
- Availability of all parts guaranteed for 10 years
- Service offering solutions and support within 24 hours



Management



Packaging



Blister & Products



Codes, Text & Graphics



Track & Trace



Support



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