



# Labelling of ampoules, vials and bottles

- ✓ Compact modul labelling unit
- ✓ Flexible for different products
- ✓ Fast change over - tool free
- ✓ Easy line clearance
- ✓ Operator friendly and intuitive HMI
- ✓ Simple design and small footprint
- ✓ Low noise level



Flexible labelling unit for easy handling of different products and sizes



Gentle handling and precise labelling



Format parts for different products

### Operator friendly

The labelling unit is developed for fast change over and easy line clearance. The operator panel is showing an overview of the machine status and warnings. Operator tools are developed for easy in-feed and out-feed of products.

### Safety register

The products are checked in when entering the star wheel and checked out when exiting the star wheel. This is a security counter control, to assure 100% product surveillance.

### Specifications

<b>Products:</b>	Ampoules, vials and small bottles in glass and plastic
<b>Product diameter</b>	From ø10,75mm - ø50mm
<b>Product Height:</b>	21mm - 100mm
<b>Capacity:</b>	From 20 to 150 products per minute
<b>Accuracy:</b>	Skew 1°      Width/height +/- 1 mm
<b>Product surveillance:</b>	Product check in and out of the star wheel
<b>Operator interface:</b>	HMI with touch screen
<b>Measurement of labelling unit:</b>	Top view 1600 x 1900 mm depending on actual configuration

### Options

<b>Printer or Laser:</b> - for print of 1:1 data on each product	<b>Guarding:</b> Low execution
<b>Label control:</b> Sensor verifies that a label is on the product	<b>Infeed:</b> From rotary infeed table
<b>Vision System:</b> Verification of print and placement of label on product	<b>Outfeed:</b> To outfeed accumulating belt
<b>Reject functions:</b> Label reject and /or product reject	<b>Validation documentation</b>