

Flag label applicator for global medical products manufacturing company.

This international company in the pharmaceutical/medical device space had a new requirement for a flag label to be applied to medical tubing (on a precise location) with integration into an existing OEM machine.

- We needed to take signals from the *ATS Sortimat* to:
 - Start the Cycle
 - Operate only on certain recipes
- Detect if label is present and give a particular signal if no label is applied to the product so it can be rejected.
- Confirm that product is present using a presence detection sensor.



The Challenge:

Space for a label applicator was an absolute challenge in this project so the AIS Engineers had to come up with a way to circumvent this for the client. In addition, the medical tubing had to be labelled on a precise area in a repeatable and accurate process.

The Solution:

A particular Herma Labelling machine was chosen by the Project Team – the HERMA H400 414 MB S

- Tolerance of +/- 1mm in both the X & Y Axis
- Label Presence Check
- Mechanical and electrical integration into 3rd Party machine & controls
- 45 Parts Per Minute
- Linear Slides with 1200mm extension with minimal deflection allowing ease of access for the operators.



The Result:

Initially the customer had planned on installing 4 semi-automatic labelling machines with 4 operators present. This requirement was reversed with the solution proposed by the Engineering team at AIS leading to a huge financial and time saving both now and into the future.

About AIS

We supply complete solutions for Automatic Labelling, Machine Vision, Barcode Scanning, Barcode Verification, Label Printing and Ink-jet Coding to a number of industries including life sciences, food and beverage, manufacturing and logistics, throughout Ireland and abroad. Established in 1998, we are a 100% Irish owned company with divisions in Spain and the Netherlands. For more information see www.aisltd.ie.