

PRODITEC produces a complete range of "turnkey" solutions for automatic inspection and sorting at very high speed and with exceptional measurement accuracy. More than 85% of the company's turnover is generated through exports, with over 200 systems already installed, in three main industrial sectors :

Pharmaceutical

Metallurgical

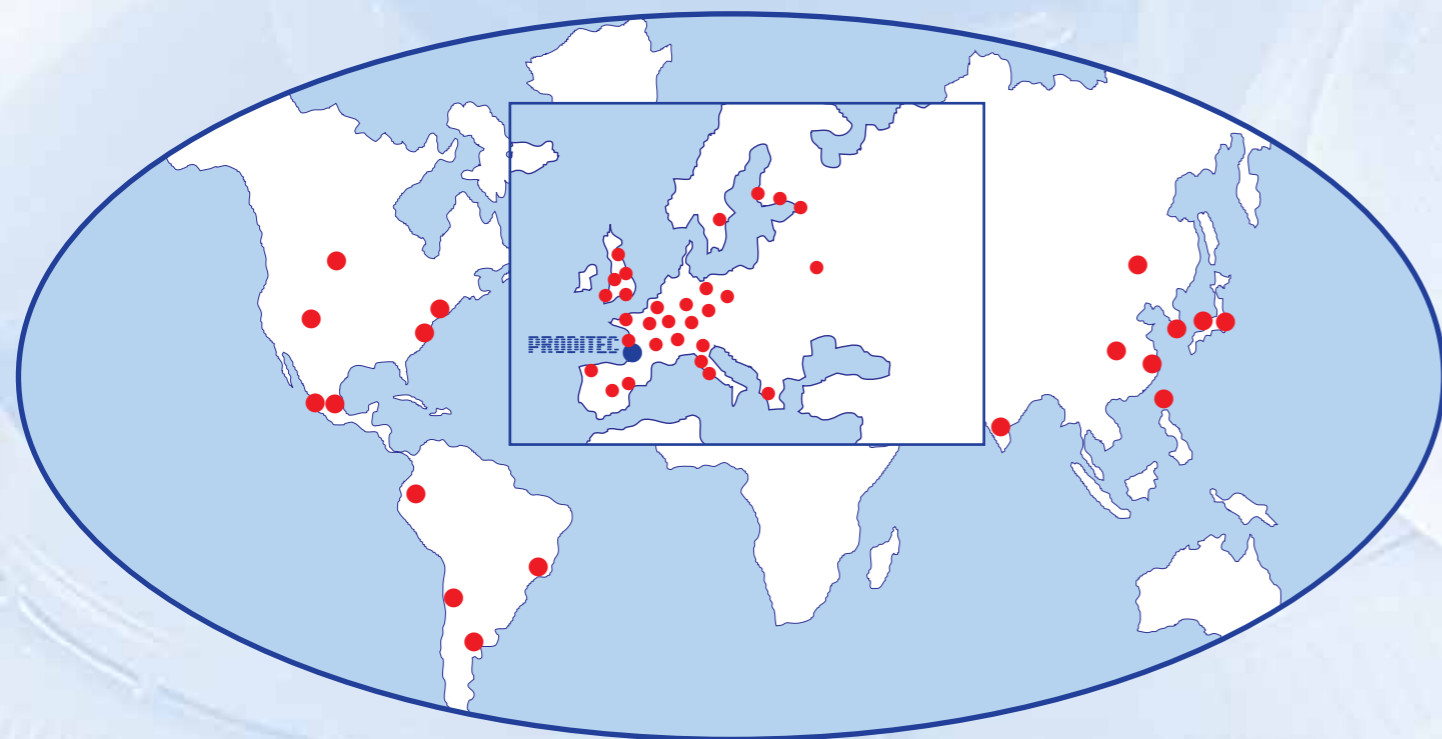
Plastics



VISILAB

Automatic Measuring Machine

Clients worldwide



AGGELOS (05 57 77 83 83) - Photos Twin - Mai 2002

PRODITEC

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PRODITEC

Industrial Vision Systems

VISILAB - CAPS

Non Contact Automatic Measuring Machine for Closures

Automatic

The VisiLab-Caps is dedicated to bringing laboratory measurements closer to the manufacturing process, enhancing automation and speed.

Molds qualification and molds cavity inspection is now simple and systematic.

Fast

Up to 10 analyses per closure available in less than 10 seconds

Simple

A complete molding batch is randomly placed in a vibrating bowl, inspecting all cavities of a given mold.

Flexible

Modular design allows for various options and additional custom measurements.



Cavity numbers analysis

Image analysis automatically provides mold cavity number of all measured closures. The cavity number is automatically reported on all measurement charts.

Results & Statistics

All measures and analysis results are exportable on compatible Excel MS or Access formats. Intranet connection possible.

Sorting of defective closures

All defective closures are automatically sorted, collected and systematically ordered. The machine operator can retrieve each defective cap individually, thereby easily matching machine results with defective closures.

Technical data

Dimensions (L x W x H): 1.50 x 0.65 x 1.50 m

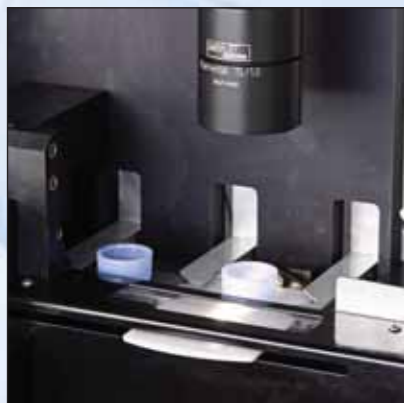
Net Weight: 300kg

Electrical power: 230 V (other voltage consult us)

Air supply: 3 bars of clean and dry air

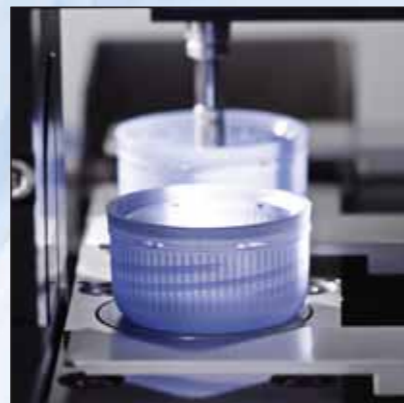
Operating conditions: Temperature 18 – 22°C

Station 1



- External diameter +/- 0.01 mm
- Sealing diameter: +/- 0.01 mm
- Thread diameter: +/- 0.015 mm
- Safety ring diameter: +/- 0.015 mm
- Mold cavity number reading
- Pin-hole detection
- Color shade inspection

Station 2



- Height: +/- 0.01 mm
Measurement in full rotation at (360°)
- Height: +/- 0.015 mm
High gate measurement
- Short shots inspection
- Body to safety ring inspection

Station 3



- Base thickness: +/- 0.01 mm

Station 4



- Weight: +/- 0.01 g