

# VISILAB

automatic visual measuring system  
for coins and blanks



**PRODITEC**

Industrial Vision Systems



# VISILAB measures different types of Coins and Blanks

## Metals

All common alloys and plated materials, Copper, Nickel, Steel, Aluminium, Silver, Bi-metal, etc.

## Sizes

All sizes from 14 mm to 33 mm diameter and 0.8 mm to 3.2 mm rim height.

## Measurement Precision

(at room temperatures 20° - 22° C)

Outer diameter	± 0.01 mm
Inner diameter (rings)	± 0.01 mm
Ovality	± 0.01 mm (3 checks at 120°)
Excentricity (Rings)	(Maximum Ring width – Minimum width ÷ 2) ± 0.02 mm
Rim Height (Edge Thickness for flat blanks or coins)	± 0.01 mm

VISILAB can be fed either manually (piece by piece) or automatically (from integrated inlet bowl with capacity of 300 pieces).

## Optional Weight Measuring

for Coins or Blanks from 2 to 10 grams. Accuracy is ± 0.01 gram. 1,9 to 50 grams if specified.

## Technical data

<b>Total weight of machine</b>	250 kg
<b>Overall dimensions</b>	L 1.50 x W 0,65 x H 1.50 m
<b>Electrical power</b>	230 V (other voltage : consult us)
<b>Inlet container capacity</b>	300 pieces

### Operating environment

- temperature : 10° to 40°c
- humidity : 30% to 80%

### HARDWARE

- one industrial micro computer with Hard Disk
- color monitor and keyboard for operator

### Vision system

- solid state CCD cameras and lighting
- interface and real time processing board

### Automated devices

- adjustable device to guide and feed coins or blanks on conveyer
- evacuation system

### SOFTWARE

- Windows 10 operative system
- PRODISOFT Software for general process :
  - running of the system and operator interfaces
  - communication with vision systems
  - real time display of data
  - statistics data editing and reports

## PRODITEC : high levels of customer service

**PRODITEC provides the full range of technical services, all around the world :**

- **Installation and training on site :**
  - Installation and putting into service by our engineers.
  - Training operators
  - Training maintenance technicians
- **Guarantee : 1 year parts and labor.**
- **System maintenance :**
  - Assistance and carrying out work on site.
  - Remote maintenance via modem by engineers from our factory.
- **Detailed documentation is provided with the system, including :**
  - Operator's manual
  - Operating, adjustment and system maintenance instructions.
  - Wiring diagrams
  - Equipment guide.
  - Back-up copy of the software.

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



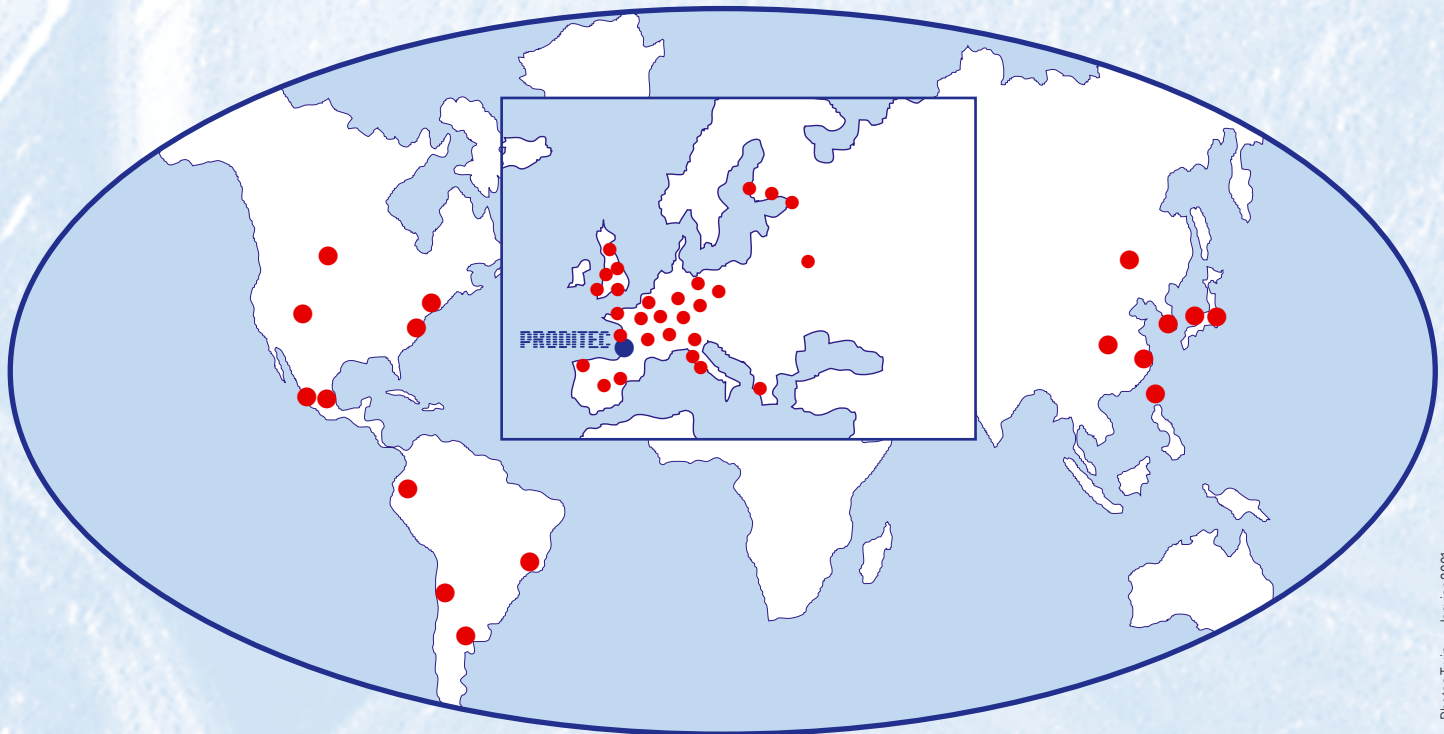
### Metallurgical



### Plastics



## Clients worldwide



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