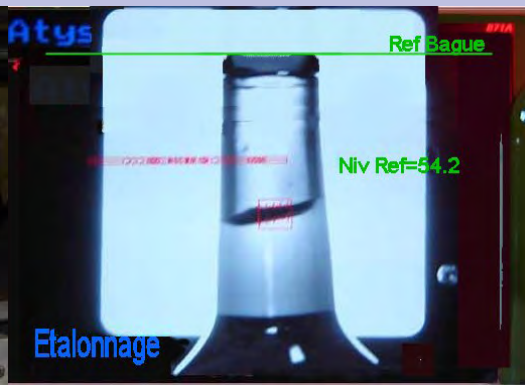




Cork control



Level control



Clearance control

## 100% control

### Control rate

- Up to 20 000 bottles/hour
- Linear speed up to 1 m/s

### Product detection

- auto detection using image capture
- no need for any trigger sensor

### Weight

- 1kg

### Power

- 24 volts DC 12 W

### Lighting

- red backlight high power LEDs packaged in a waterproof case

### Display

- 17" colour TFT

### Camera

- embedded DSP
- CCD sensor, 640x480 pixels
- 8.5mm lens
- exposure time 1  $\mu$ s ... 1 ms

### Datas interface

- learning input for reference
- Exposure duration selection input
- ejection output
- stop output
- Ethernet or RS232 connexion

### Housing and mechanics

- camera support / motorized height setting

### Operation

- Works on red or white wine as well as any glass color

### Installation preset

- exposure time
- Control windows
- I/O selection
- tolerances inputs

### Format change setting mode

- reference level learning process by activating an external push-button
- Glass color selection (light/dark) via switch
- less than 5mn complete setting for a change in cork format

### Production mode control

- measurement resolution 0.1 mm effective precision 0,5 mm
- Displayed on LCD screen
  - production N° counter
  - defects count
  - value of measured level
  - mean average value over 10 controlled levels

### Options

- depth cork introduction
- defects statistics with images savings via Ethernet on external PC
- makrolon protective housing
- waterproof camera package

2, avenue Léon Harmel  
F-92160 ANTONY

Tél. : + 33 (0)1 46 66 65 94

Fax : + 33 (0)1 46 66 26 21

Web : <http://www.atheor.com>

<http://www.visiolaser.com>