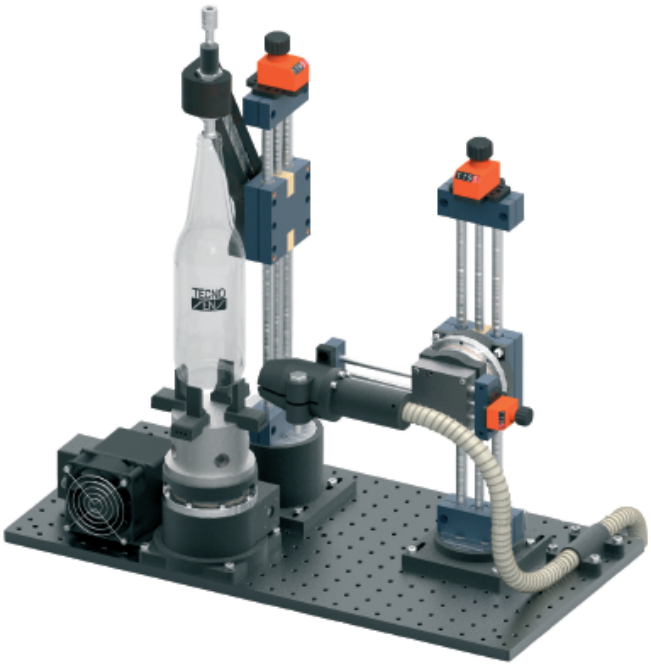
Tecnosens S.p.A.
Via Vergnano,16 25125
Brescia (BS) Italia

Tel: (+39) 030 3534144
Fax: (+39) 030 3530815
info@tecnosens.it
PEC: tecnosens@legalmail.it



Dot Code

Product code: Caliber Dot Scan
Manufacturer: Tecnosens SpA

Glass containers are generally produced in very large volumes through a molding process; the prolonged use of the mold lead to its wear, with the consequent variation of the required characteristics of the finished product. One of the approaches that can be adopted in order to understand if the production process is efficient is the statistical control of product quality. In this phase it becomes essential to be able to trace the mold that has physically made the bottle, so as to be able to act upstream on one of the variables that is known to generate defect: the wear of the mold.
One of the solutions adopted by bottle manufacturers in order to understand which mold produced which piece, is to write an identification number of the mold on each sample. This number is printed as a digital code, called dot code. Every quality control machine needs to be able to recognize a dot code and associate it with the inspection result: Caliber
Dot Scan has been made for that; the system reads the dot code of each bottle and communicates it to any control machine.

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Caratteristiche:

1. Objective and reliable detection of quality of the mold
2. Traceability of all measurements
3. Up to 180 bottles per minute
4. Non-contact reading technology
5. Suitable for automatic lines or for laboratory
6. Easily integrated in third part machineries
7. Storaging of all data
8. Easy Recipe creation and selection
9. Statistical Process Control (SPC Quality)
10. Real Time Diagnostic

It includes:

- panel PC touchscreen 12"

- 1 buzzer, programmable

- 6 digital Inputs, including Start Measurement input

- 6 Relays including OK - valid measurement and Alarms

- TCP/IP: XML protocol for data sharing

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Power Supply	24 - 36 VDC - 6 A
Connection	2 Ehternet doors and 2 USB doors
Dimension (W x H x L)	517x465x338 mm
Material	Chassis material: industrial chassis, painted metal
Weight (grams)	22000 gr
Working temperature	0 - 40°C