

SPOTWATCHER® S

INSPECTION OF BOTTLES AND CONTAINERS

The SpotWatcher® S is the compact, space-saving version of the SpotWatcher® family. It is specifically designed for the 100% inspection of small and opaque bottles and containers, covering the complete range of standard inspections for quality control. Its software is especially suitable for compliance with pharmaceutical regulations.



Due to its variable height adjustment and minimal footprint, the SpotWatcher® S can be easily integrated into any production line.

The SpotWatcher® S is ideally suited for the complete inspection of opaque containers manufactured from all common plastic types including **HDPE, LDPE and PP**. Designed as a standard system, the Spot-Watcher® S provides a **comprehensive range of inspection options** while only requiring a very **small floor space of less than 1 m² (11 ft²)**.

The vision system software includes extensive user administration capabilities and a log function. These features are specifically designed to support customers wishing to comply with important regulations such as 21 CFR Part 11, or GMP Guide Annex 11.

Are you aware that our systems can **self-learn from a collection of good and bad images?**

INSPECTION CRITERIA – BODY

- √ Material defects, Contamination
- √ Holes, Burn marks, Color smears
- √ Thin wall



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INSPECTION CRITERIA – BASE

- \\ Dark and bright spots
- \\ Burn marks
- \\ Material inclusion

INSPECTION CRITERIA – SEALING SURFACE

- \\ Diameter
- \\ Ovality
- \\ Material insert / choked necks
- \\ Contour defects of the sealing surface ring

INSPECTION CRITERIA – CONTOUR

- \\ Gross flash at the thread area
- \\ Flash at the container base
- \\ Bottle tilt due to a rocker-base
- \\ Dents and bulges

Inspection speed

- \\ Up to 21,600 parts / hour

Container dimensions

- \\ Diameter 30-100 mm
- \\ Height 50-200 mm

Height adjustment range

- \\ 500 mm

Power requirement

- \\ Rated voltage 1/N/PE AC 115-230 V, 50/60 Hz*
- \\ Rated current 1.6 A

Compressed air requirement

- \\ 6-8 bar (87-116 PSI), oil-free, filtered

* All systems are designed to be UL and CE compliant