Brevetti K32S

AUTOMATIC MACHINE

K32S machine is dedicated to high speed inspection of vials, ampoules and cartridges filled with pharmaceutical liquid (including oily solutions and suspensions) and freeze-dried products. Available in multiple configurations, it covers a productivity range from 400 to 600 pieces per minute.

MODEL NAME

K32S / K32SLD / K32-600 / K32-600 LD

CONTAINER TYPE

Vials Ampoules Cartridges

PRODUCTS TO BE INSPECTED

Water-like Freeze-dried Suspensions Oily

NOMINAL SPEED (PER HOUR)

24000 - 36000

Main Features

- Container Diameter: Up to 32mm
- Particles, fill level and cosmetic inspection
- RPV Remote Parameterization & Validation
- Manual loading/In-line connection
- "Fail safe" reject verification system (Optional)
- 21 CFR part 11 compliance for electronic records (recipes, batches/sub-batches, audit trail)
- Ethernet connection
- User friendly interface
- In-line connection to upstream and downstream equipments.
- Leak Detection available for liquid products (High Voltage) [K32S LD]
- Leak Detection available for freeze-dried products (Headspace Gas Analyser) [K32S - K32S LD]
- Product colour (Spectrometer)
- Product opacity (Opacimeter)
- OCR/OCV

Master of inspection & leak detection

The basic configuration includes three stations dedicated to particulate inspection equipped with high speed cameras. This dynamic technology allows the acquisition of hundreds of high resolution and high sensitivity pictures of each inspected container and grants the availability of a huge amount of statistical information, useful to improve the inspection accuracy and reliability.

A compact and efficient inspection line

K32S uses several different optical principles, which can be combined in a wide set of configurations to suit the specific requirements of each production process. One of these innovative principles consists in the dynamic bottom view of the container through tailored design hollow spindles.

This application is particularly useful to inspect vaccines and suspensions. Compactness, reliability, elegance of solutions and inspection efficiency place K32S at the real top of inspection machines.

K32S LD when inspection meets perfection

Conceived as a complete inspection line, K32S LD meets the market highest requirements in terms of inspection of pharmaceutical products. Particles, cosmetic inspection and leak detection are now available in a compact and integrated solution.

Intelligent Vision Framework

An optimized integrated vision platform of consolidated and new technologies that enhances performance to a complete new level.

- Optical Aligment
- Artificial Vision
- High Frame Rate
- Multiple Inspection
- Smart HMI

Technologies

These technologies have been meticulously integrated to successfully overcome the challenges encountered in automatic inspection processes.

- Simple plus
- Menisco plus
- Bubble plus
- Roi plus
- Smart HMI

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www.brevetti-cea.com/machines/brevetti-k32s