

Compact Fully Automatic Inspection Machine Combined with Leak Detection

Inspection

Particles and Fill Level Cosmetic Inspection

- Tip detection, Body surface lateral side, Cracks, pinhole, Color ring



LKD (Leak Detection System)

- Applicable to any type of ampoules containing liquids which have a minimal electro-conductivity.
- Two High Voltage detection stations capable to generate up to 30KV at high frequency.

Light Device

- Special LED light source available in different configuration: from the bottom and from the back diffused and polarized.

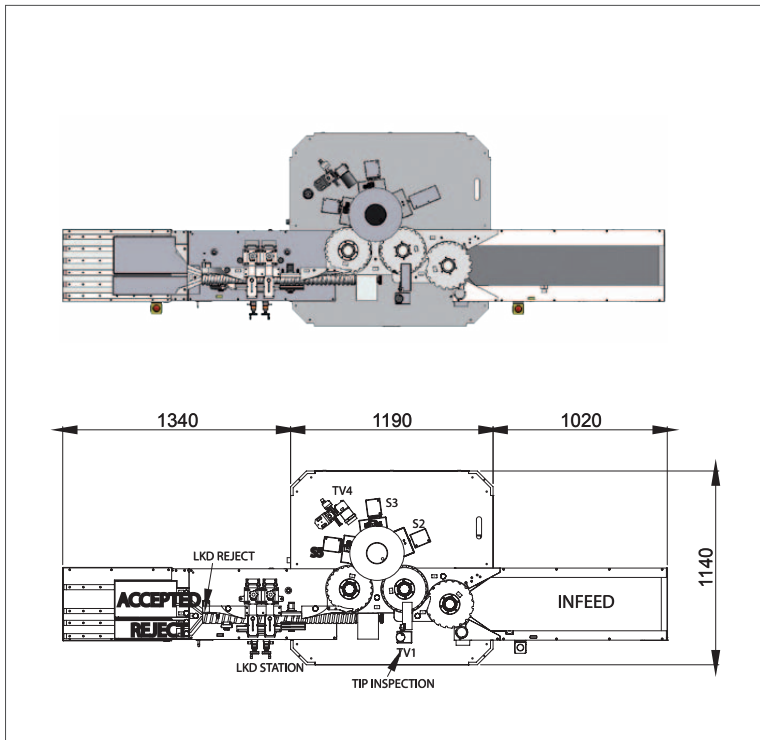
Defects Separation by Categories

- Rejected containers are collected in different trays based on the kind of defect.

Interface (HMI)

- Inspection results viewed in Real time
- Friendly and familiar display
- Easy to use
- Simple monitoring of process, and management of all parameters.
- Failure and alarm handling
- Inspection parameters password protected

MCA 200/LKD - Compact Fully Automatic Inspection Machine Combined with Leak Detection



Technical Data

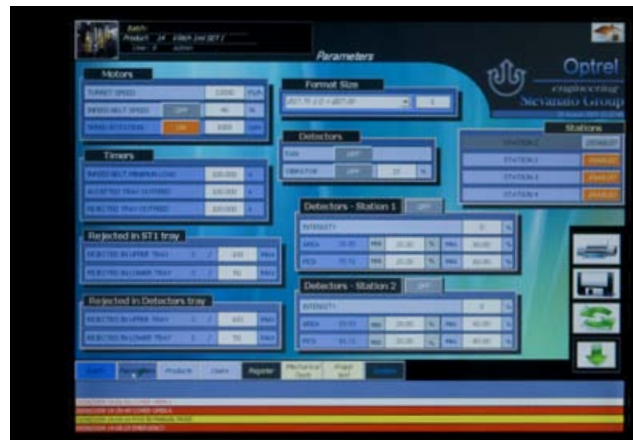
- Container Range: Ampoules & Vials
- Product: Liquid
- Container Diameter: Min Ø 8,65 MaxØ 30
- Output: C/hours 12.000
- Electric Supply: 400V ±10% 50/60Hz 3Ph + ground + N

Technical Details

- Siemens WinCC flexible 2007 SCADA
- 15" Colour touch screen
- Images of the selected camera
- Operator interface in the user's language
- Production data and preset regulation parameters available for printing
- Knapp test automatic mode
- Double hard disk for data saving

Validation Documents

- Machine in compliance with the most important standard regulations and guideline.
- CFR21 part. 11 - Audit Trail - cGMP and GAMP5



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