



## For Ampoules, Vials and Cartridges Containing Injectable Liquid Product

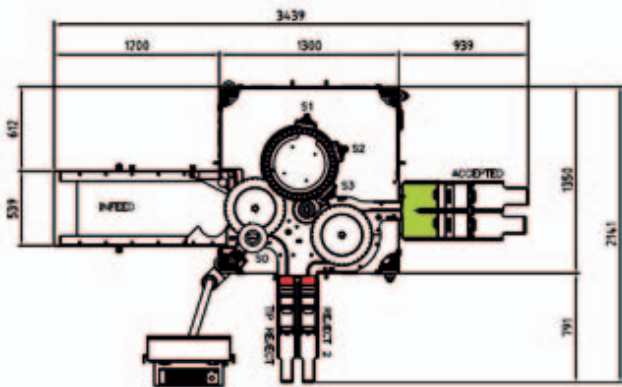
Up to 400 pcs/minute



- Applications**
  - Particles inspection
  - Cosmetic inspection on the containers
  - Tip inspection, fill level
  - Alu seal control
- Advantages**
  - Very compact footprint
  - High speed cameras
  - No moving inspection components like mirrors, lights, cables or cameras
  - Wide product range up to  $\varnothing$  51,6mm diameter
  - Capacity for maximum throughput of 400 units/min
  - Defects separation by categories
  - Change parts optimized for quick change over
  - No turbulence, no moving parts
  - Full IQ/OQ support package
  - Swing arm including operator interface
  - Ergonomicity of the component and parts

# EXACTA Easy - Automatic Machine Built with Continuous Motion

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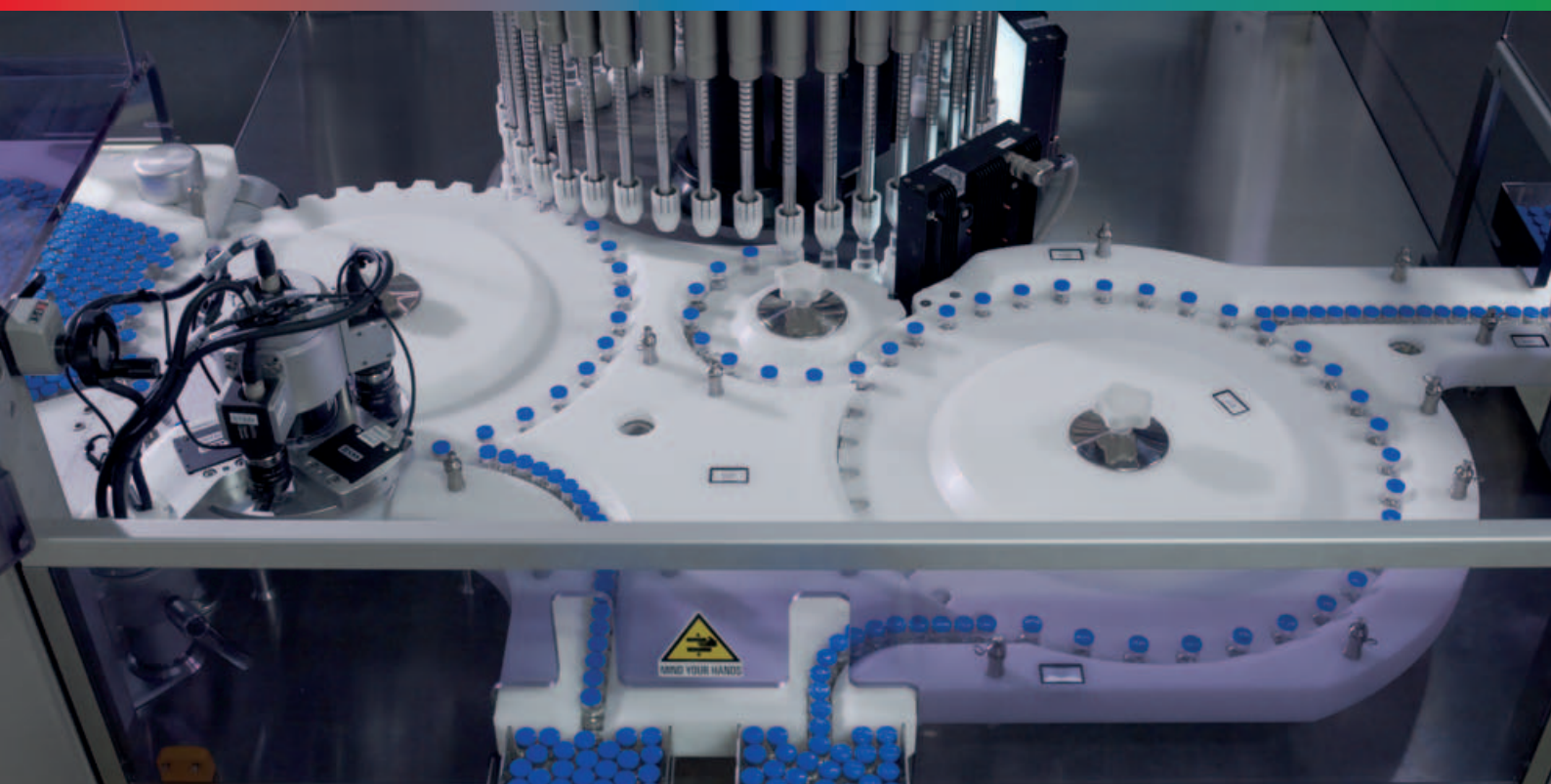


## Camera System

- S1 – S2 –S3: for particles and fill level inspection
- S0: tip defects, tip shape, alu seal inspection
- Optional: Additional camera for cosmetic inspection available

## Technical Data

- Machine Speed: 24.000 pcs/h max
- Containers Spinning System: A total of 4 brushless motors with adjustable rotation speed from 0 to 3000 rpm
- Electric Supply: 400V- 220V±10% 50/60Hz 3Ph + ground
- PC: Siemens industrial PC with Raid array for simultaneous data back up
- PLC: Siemens S7/300 series with profibus communication port
- Control panel: 17" colour touch screen monitor with external keyboard
- SCADA System: SQL Database (Compliance with 21CFR11)
- Vision System: Optrel's proprietary vision system PVS1 (Programmable vision system interface)
- 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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