

# User Requirements Specification (URS)

## For Spray Packaging Machine

Document Code: **QA.URS.003.01**

- . Device type: Aerosol can packaging machine
2. Production Capacity: Minimum 2000 cans/hour with standard shapes in the market; diameter and height adjustable between 500 to 5000 cc.
3. Operation Type: Fully automatic during one work shift(10 hours) or permanent work.
4. Material:
  - Body: Stainless steel 304 (rust-proof).
  - All parts in direct contact with pharmaceutical materials: Stainless steel 316L.
  - Transfer pipes: Made of silicone (pharmaceutical-grade).
5. Safety Features:
  - Explosion-proof motor and equipments (especially for injection and gas safety compliance).
  - Safety sensors to protect personnel, raw materials, and products.
6. Power Consumption: 3-phase electricity.
7. Filling Accuracy:  $\pm 5$  cc.
8. Injection: Leak-free material transfer.
9. Component Standards: Use of parts from reputable brands meeting international standards.
10. Conveyor Belt: Equipped with adjustable speed, and traffic control tables at start/end points.
11. After-Sales Service:
  - Training, maintenance, and troubleshooting support (Iranvar brand).
  - Warranty and post-sale services.
12. Documentation: Provided IQ, OQ, PQ, and DQ validation documents.