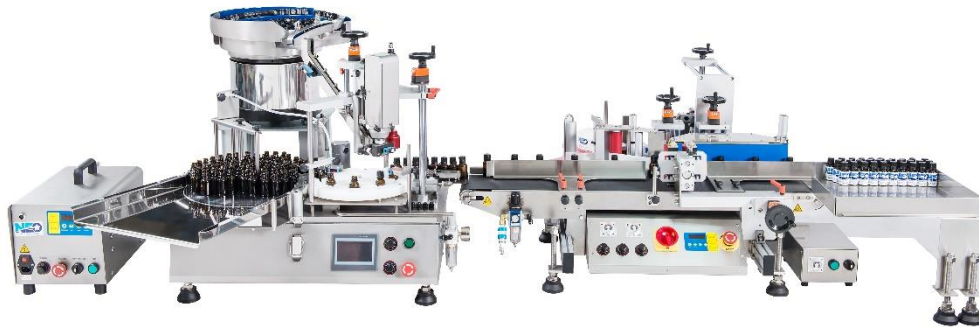


Tabletop Compact Filling Line



- Volume range: 5-4000ml
- Filling speed: Maximum 30 Bottles / Minute
- Filling accuracy: +/-1%

The Compact Filling Line combines bottle feeder, liquid filler and cap torquer (requires manual cap placement), label applicator and catch tray into one tabletop production line. Ideal for flexible small-scale production of low viscosity liquid filling. The system includes a Feeding Station with Rotary Table, Tabletop Gear Pump Liquid Filling Machine, Automatic Cap Torquer (with optional automatic cap feeder), an Advanced Labeling Machine. The filling line is also equipped with advanced and precise detecting system: No bottle - no filling; No cap - no capping. AC motor controls capper module to reach required torque value for proper tightening. Includes counting system for updating filling progress.

Control system:

- All stations are controlled by PLC
- PLC + HMI color touch screen control
- Multi-operation mode with switch:
 - ☐ Test/Manual/Intermittent
- Equipped with advanced detecting system:
 - No bottle, no filling; No cap, no capping
- Give alarm when error occurs
- Set emergency stop button for safety concern
- Green start button
- Counting system for updating filling progress

Construction material:

- Liquid contact parts are made of s/s SUS#316 to meet higher hygiene standard
- Frame and main components are made from s/s SUS#304 to meet cGMP standard

Power requirements:

- Power: 110V/60Hz
- Air Consumption: 6kgf/ cm

See Reverse Side for More Details



Cleveland Equipment

866-888-6327

sales@clevelandequipment.com www.clevelandequipment.com

Tabletop Compact Filling Line

Feeding Station:

- Automatic rotating for feeding bottles
- 300mm Diameter Rotary Table
- Speed adjustable

Filling Station:

- Filling parameters: volume set/start delay/span of intermittent filling
- Filling speed adjustment
- Non Drip Filling Nozzle
- Filling bracket
- Volume range: 5-4000ml
- Filling speed: 0 – 30 Bottles / Minute Max
- Filling accuracy: +/-1% (depending on product)

Capping Station:

- Customized star wheel for precise positioning (1 included)
- Customized capping head for proper torquing (1 included)
- Height of capping head is adjustable

Labeling Station:

- For general round bottle labeling
- Labeling Accuracy: +/- 1 mm
- Bottle Size:
(Dia.) 16-90 mm; (H) 30-160 mm
- Label Size:
(Min.) 10 mm (L) * 10 mm (H)
(Max.) 300 mm (L) * 100 mm (H)
- Label Roll: (ID) 75 mm; (OD) 300 mm
- Power: 110V/60 Hz

Available Options:

- Automatic Cap Feeder (Flat caps only)
- 3 Wheel Capping Solution (For Pump Sprayers)
- Additional Star Wheel
- Additional Capping Chuck
- Clear Label Sensor Kit
- Inkjet Printer for Label Applicator
- Hot Code Printer for Label Applicator
- Bottle Catch Tray 14" x 14" (end of label applicator)
- 24" Accumulating Table w/ side transfer plate
- 36" Accumulating Table w/ side transfer plate
- Heat Tunnel for Tamper Banding



Cleveland Equipment

866-888-6327

sales@clevelandequipment.com www.clevelandequipment.com