



RIGHT STUFF EQUIPMENT

MERCURY 3-AXIS LIQUID FILLING ROBOT

FAST, FLEXIBLE AND ACCURATE LIQUID FILLERS

Applications

Personal care, nutraceutical, CBD and other applications

Products

Oils, light viscosity liquids, wax based, lotions, creams

Containers

Tinctures, cartridges, vials, tubs, pots, jars, two piece capsules and others

Fillers

Actuated valve, peristaltic pump, piston



TECHNICAL SPECIFICATIONS

- Structure H-Bridge
- AC servo motors with precision ball screws
- Workpiece payload 15 Kg
- Tool payload 7 Kg
- Max speed: (X, Y) 500 mm/s (Z) 300 mm/s
- Input power AC 220V Ø 50/60Hz 10A

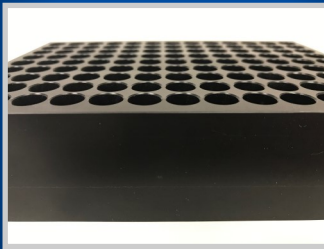
MODELS

MYT10S

Dimension (D*W*H) 540*640*630 mm
Working area (X*Y*Z) 300*300*100 mm
Machine weight 85 Kg

MYT10L

Dimension (D*W*H) 740*840*630 mm
Working area (X*Y*Z) 500*500*100 mm
Machine weight 101 Kg



DESIGNED FOR EFFICIENCY

- Speeds up to 30+ fills per minute
- Automatic needle calibration
- Intelligent valve control ensure minimal setup and down time
- Extremely accurate filling control (+/- 1%)
- Custom tray sizes made on CNC equipment in Denver
- Programmable for your product and dimensions
- 1,000 recipe storage
- Adjustable angle on needle insertion

STANDARD CONFIGURATION

- Three-axis movement
- Handheld pendant controller
- Automatic X, Y, Z needle calibration
- Single program
- Single tray

OPTIONS

- 500 ml, 1.5 L, 2.5 L and 20 L tanks
- Pressurized tanks for viscous products
- Heated system from tank to valve
- Low fluid level detection
- Angled trays available
- Additional fill needles and nozzles
- Stainless Steel Cart

Training, support and service from Denver, CO

RIGHT STUFF EQUIPMENT

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