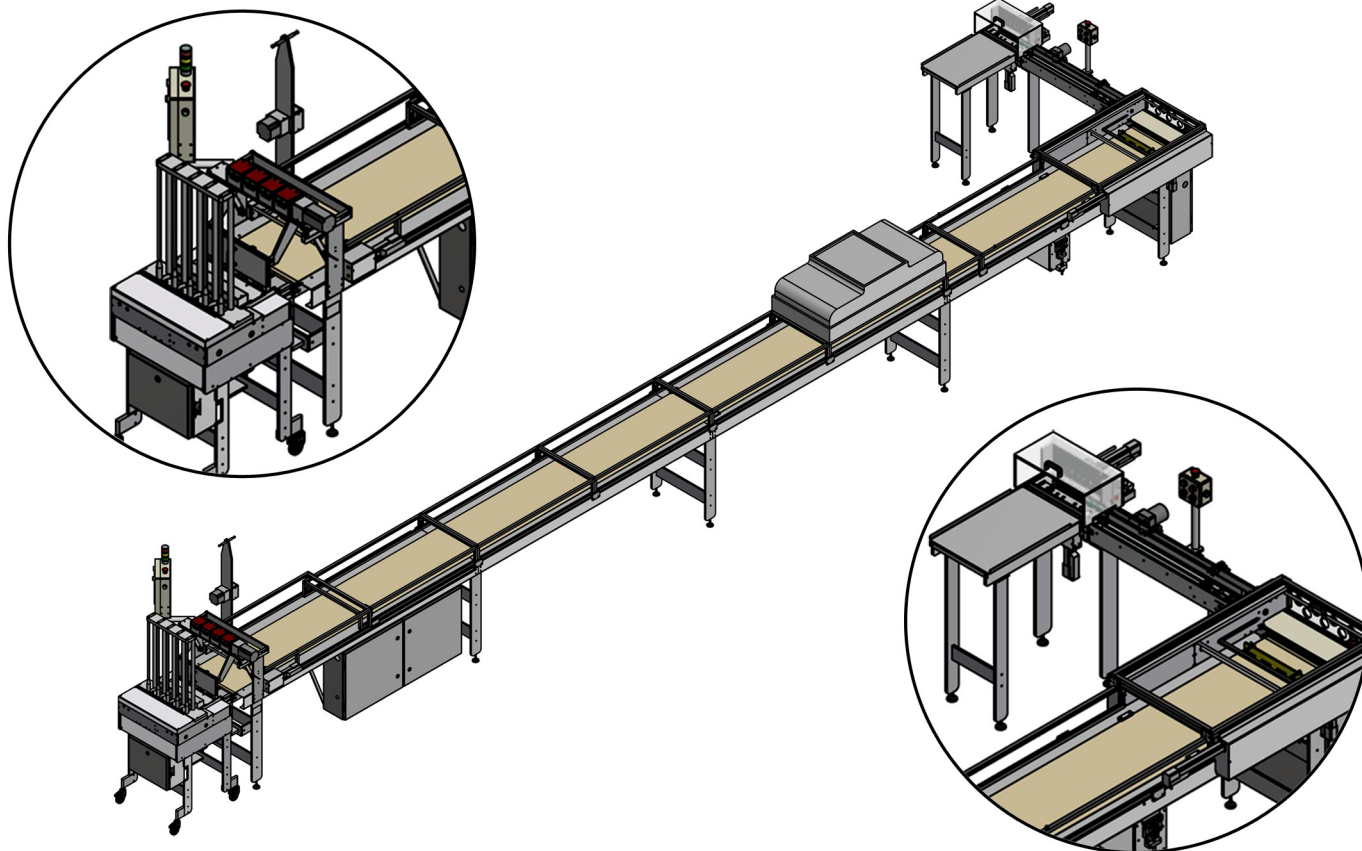


MultiDISH™ Petri Dish Filling Systems



FEATURES

- Interchangeable head unit and tool-free change parts to accommodate dishes 55-150mm wide
- EasyLOAD™ magazine
- Flexible layout design
- Precision peristaltic pumps: No drips, no bubbles
- Auto purge function
- Additive system with optional mounting
- Meniscus generation
- Drying Tunnel with HEPA Protection
- Integrated bottom print station
- Fixed Buffer Table
- Lifetime phone and email support
- CE marked

ADDITIONAL OPTIONS

- Bulk loading
- Orientation system
- Inline nozzle heating system
- Individual pump control
- Reduced lane function
- Inline rotary edge and custom print options
- Rejection system
- Automated buffer refeed system
- Temperature and humidity monitoring
- Full cover removal (standard for Model 963)
- HEPA monitoring and control
- Belt tracking system
- HMI Upgrade
- IQ/OQ Documentation

ONLINE

Engineering inc.

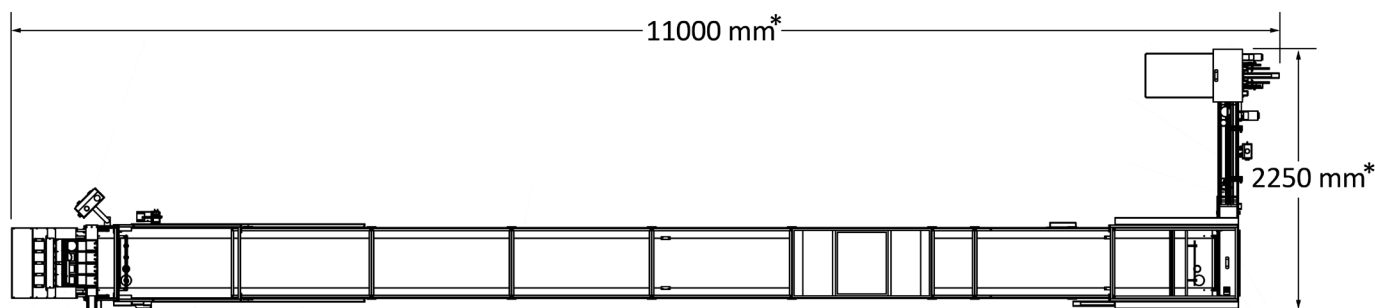
MultiDISH™ Petri Dish Filling Systems

Specifications

- Pumps: Proprietary ONLINE peristaltic twin-track
- Operator Interface: Touchscreen monitor and Push button panels
- Controls: Siemens S7 series microprocessor
Optical, proximity, laser, and fiber optic sensors
Vacuum switch solid-state
Control Voltage 24VDC
- Services: 110/220 VAC, 50/60 Hz
Compressed air, clean non-lubricated, 80 psig
- Construction: Stainless steel, aluminum, HDPE, polycarbonate
- Conveyor: Stainless steel beds on aluminum frames with spliced endless belt of 1.5mm polyester base with urethane facing

System Functions

- Stacks of dishes are manually loaded by operator
- Dishes are unstacked and uncovered
- Multicavity plates are oriented
- Dishes are filled and covers replaced
- Covers are partially removed to enhance evaporation
- Dishes travel down the drying tunnel
- Covers are replaced and dishes are transferred to the cross conveyor
- Dishes cross the print and inspection stations
- Dishes are stacked to predetermined stack count
- Stacks of dishes are transferred to outfeed (buffer table, buffer refeed system, or wrap-feed conveyor)



Working Height: 900 mm;

* Overall length and width flexible based upon configuration options and facility requirements.

| Model | 90mm | | Contacts | | 55mm | | 140mm | | 120mm Square | |
|-------|-------|-------|----------|------|-------|-------|-------|------|--------------|------|
| | Lanes | UPH | Lanes | UPH | Lanes | UPH | Lanes | UPH | Lanes | UPH |
| 963 | 3 | 2400 | 3 | 2400 | 3 | 2400 | 2 | 1000 | 2 | 1000 |
| 964 | 4 | 4800 | 4 | 3200 | 4 | 4800 | 2 | 1100 | 2 | 1400 |
| 965 | 5 | 6000 | 5 | 4000 | 5 | 6000 | 3 | 1700 | 3 | 2200 |
| 966 | 6 | 7200 | 6 | 4800 | 6 | 7200 | 4 | 2300 | 4 | 2800 |
| 968 | 8 | 9600 | 8 | 6400 | 8 | 9600 | 5 | 2900 | 5 | 3600 |
| 916 | 10 | 12000 | 10 | 8000 | 10 | 12000 | 6 | 3500 | 7 | 5000 |

Throughput estimates are dependent on a variety of manageable production parameters including pour volume, pump speed, and dry time. Each of these parameters can be easily adjusted from the touch screen by an authorized user and can be saved as part of a reusable recipe. The rates above are based on full length machines and standard handling. Dry time settings for 90mm, 55mm, and 120mm plates is 3 minutes, and for contact and 140mm is 4 minutes.

ONLINE Engineering inc. is a global supplier of petri dish filling machines, test tube filling machines, bottle filling machines and other prepared media production equipment. We understand that a quick return-on-investment is important. Our goal is to provide the quality of equipment and service that significantly contribute to your success.

400 North Cedar St. • Manistique, MI 49854 • USA • Phone: 906-341-0090 • www.online-engineering.com