



AUTOMATION FOR THE DIAGNOSTICS INDUSTRY

- FILLING SYSTEMS FOR PETRI DISHES, TUBES & BOTTLES
- MEDIA PREPARATION & STERILIZATION
- PACKAGING SYSTEMS
- COMPLETE DIAGNOSTICS PRODUCTION SYSTEMS

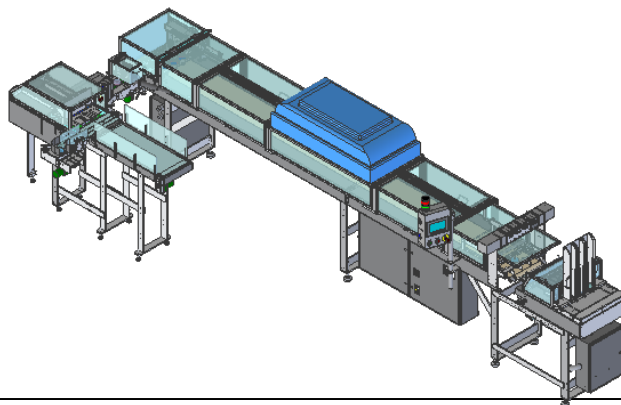
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IQ-Mx Series 3-Lane Petri Dish Filling Systems

The IQ Designs 3-Lane Petri Dish Filling Systems are great additions or upgrades to any prepared media producer who wants small batch production or has limited cleanroom space. This well established design with a constant production rate of up to 2,000 plates filled per hour can meet, and exceed, quotas while driving down production costs. The efficient design of these systems allows filling all standard petri dish types and dries them with lids completely off. Even the smallest Mx series system is able to produce a wide variety of dish types.

System Highlights

- Compact footprint
- Significantly increase production capacity within existing cleanroom space
- Tool-free changeover between dish types
- 100% open lid drying
- Universal dish production



Standard Features

- 90mm mono & bi-plate production capabilities
- Easily upgraded for filling all dish types, including contact, 55mm, 120mm & 150mm
- Easy loading & unloading of petri dishes
- Meniscus generation for smooth and level media production
- Main peristaltic pump system with 3 pumps
- Additive peristaltic pump included
- Automatic pump calibration function
- HEPA drying tunnel
- Lighted inspection station
- Print station ready for addition of printer (printer not included)
- Multiple output configurations to fit your needs
- Siemens PLC & touchscreen controls
- Lane disable function
- Dish status tracking
- Designed & manufactured in the USA
- Around the clock customer support
- IQ/OQ documentation included
- CE marked

Upgrades Available

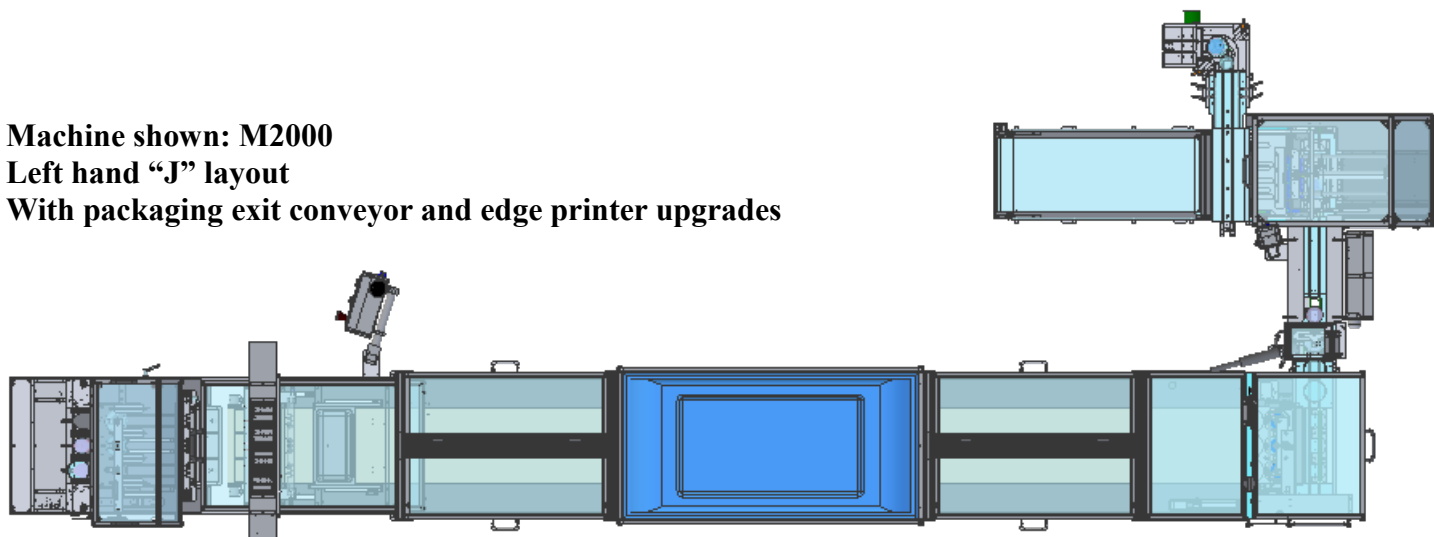
- Bulk dish loading
- Nozzle heater
- Individual pump control
- Rotary edge printing
- Automatic dish rejection station
- Packaging machine integration
* See the IQ-FLO flow wrapping machine
- Custom design

IQ-Mx000 Petri Dish Filling Systems have the capabilities you need to get production going - and going fast!

Machine shown: M2000

Left hand “J” layout

With packaging exit conveyor and edge printer upgrades



Systems speed in units per hour

Model	Length	55mm	Contact	90mm	120mm Square	150mm
M800	2.6m	800	800	800	400	300
M2000	6.0m	2,000	2,000	2,000	1,000	800

Service Requirements: 120/240 VAC, 50/60 Hz; 80 PSI clean non-lubricated compressed air

Sizing up the competition

Our innovative base on lid drying configuration allows tight row spacing while allowing a completely open dish. All of the Mx series plate filling systems are capable of running nearly any dish.

Machine Model	55mm	Contact	90mm	120mm Square	150mm	Production Type
IQ-M800	800	800	800	400	300	Continuous
IQ-M2000	2,000	2,000	2,000	1,000	800	Continuous
Competitor 1	700	-	-	-	-	Continuous
Competitor 2	-	700	-	-	-	Continuous
Competitor 3	-	-	1,000	-	-	Continuous
Competitor 4	-	-	1,500	-	-	Continuous
Competitor 5 (Carousel)	900	900	900	-	-	Intermittent

Comparison estimates normalized to three minute dry time, 100% open lid.