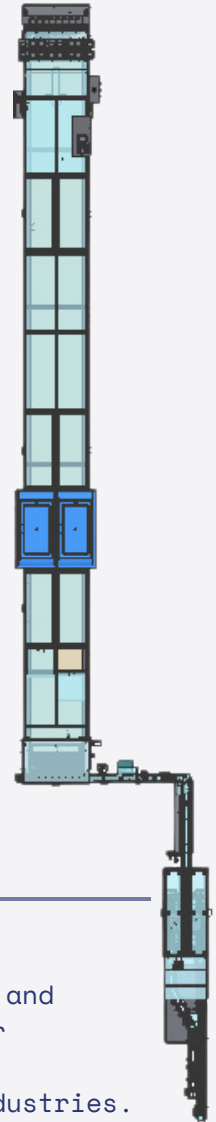


# IQ-HSL PETRI DISH FILLING MACHINE



## MACHINE DESCRIPTION

The IQ Designs HSL Petri Dish Filling Machine is for any prepared media producer who wants to maximize productivity in their clean room space. This design has a constant production rate of up to 15,000 plates filled per hour. It can meet, and exceed, quotas while driving down production costs. Its efficient design fills and dries all standard petri dish types. Because the IQ-HSL series was designed for high dish density it allows floor space savings of up to 50% compared to other manufacturers!



## MACHINE SPECS

- Aluminum/Stainless steel construction
- 100% lids-off drying
- Adjustable dry-time
- Meniscus generation
- Touch panel user interface
- Housed in a HEPA-filtered mini environment

## ABOUT US

IQ Designs, Inc. develops and produces filling and other machinery for the medical diagnostics and pharma industries. Our high-quality products are engineered and built to be easily operated and maintained by your personnel. Our products often take up less than half the footprint of the competition, providing huge savings in cleanroom expenses alone.

# IQ-HSL PETRI DISH FILLING SYSTEM



## MACHINE SPEED IN UNITS PER HOUR

HSL Lane Count	Length	90mm Mono	90mm Bi	Contact	55mm
4	9.3m	6,000	4,000	5,000	6,000
8	9.3m	12,000	8,000	10,000	12,000
10	9.3m	15,000	10,000	12,500	15,000

**SERVICE REQUIREMENTS: 120/240 VAC, 50/60 HZ; 80 PSI CLEAN NON-LUBRICATED COMPRESSED AIR**

## STANDARD FEATURES

- 90mm mono production capabilities
- Easily upgraded for filling other dish types including 55mm, contact, and 90mm bi-plate
- Easy loading of petri dishes
- Meniscus generation for smooth and level media production
- Additive peristaltic pump
- Automatic pump calibration function
- Automatic belt tracking
- HEPA drying tunnel
- Individual pump control
- CE marked
- Passive bottom print station ready for printer
- Lighted inspection station
- Custom output configurations to fit your clean room
- Siemens PLC & touchscreen controls
- Lane disable function
- Dish status tracking
- Designed & manufactured in the USA
- Around-the-clock customer support
- IQ/OQ documentation included
- Automatic dish rejection station

## OPTIONS AND UPGRADES

- Nozzle heater
- Rotary edge printing
- Edge labeling
- Mono/Bi plate pouring
- Packaging machine integration (see the IQ-FLO Flow Wrapping Machine)
- Custom design