

# Culture Station

The Berkeley Lights (BLI) Culture Station for the Beacon® and Lightning™ optofluidic platforms increases scope, scale, and throughput of workflows run on each platform by enabling independent, off-platform culture of up to eight OptoSelect™ chips.

## CULTURE STATION OVERVIEW

Free up your Beacon or Lightning platform during the cell culture steps of your workflow by culturing four chips in independent Culture Station modules instead of on your optofluidic platform. You can further increase capacity by linking two Culture Stations and controlling them from a single computer. Independent media and pump control permit custom media and culture conditions for each chip and minimize experimental loss due to contamination.

## CULTURE STATION FEATURES

- Four-chip capacity
- Expand to eight-chip capacity by linking two stations
- Independent media and pump control for each chip
- Independent environmental controls (temperature and media perfusion) for each chip

## APPLICATIONS

- Increase throughput
- Optimize culture media
- Run independent experiments in parallel



# Culture Station Specifications

## FEATURES

<b>APPLICATIONS</b>	Cell Line Development Plasma B Discovery T Cell Functional Analytics Other R&D Applications
<b>CELL TYPES</b>	Human primary T cells, T2, K562, hybridoma, CHO K-1, DG44, CHO-S, primary cells, and many others

## SPECIFICATIONS

<b>CULTURE</b>	Customer-defined media for culturing at 20°C - 40°C Continuous or pulsed media perfusion
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## CULTURE STATION COMPONENTS

Culture Module, Control Module, Computer and Monitor

## ORDERING INFORMATION

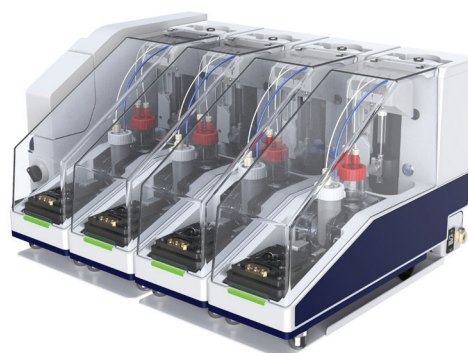
PART NUMBER	DESCRIPTION
110-08001	Culture Station
110-02407	Lightning Platform
110-08004	Beacon Platform

## INPUTS

<b>POWER</b>	110 – 240 V, 50 – 60 Hz
<b>GAS SUPPLY</b>	5% CO <sub>2</sub> , 20 – 100 psi
<b>OTHER</b>	Ethernet
<b>ENVIRONMENTAL CONTROL</b>	64 – 79°F (18– 26°C)
<b>ALTITUDE</b>	<6,500 ft (2,000 m)

## ATTRIBUTES

<b>DIMENSIONS</b>	Width: 22.7 in (57.7 cm) Depth: 17.3 in (43.9 cm) Height: 11.5 in (29.1 cm) Height with cover open: 27.4 in (69.5 cm)
<b>WEIGHT</b>	114 lb (51.7 kg)



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FOR MORE INFORMATION, VISIT  
[berkeleylights.com](http://berkeleylights.com)

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