

Corning® Lambda™ EliteMax Semi-automated Benchtop Pipettor

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High Throughput Automation with a Small Footprint

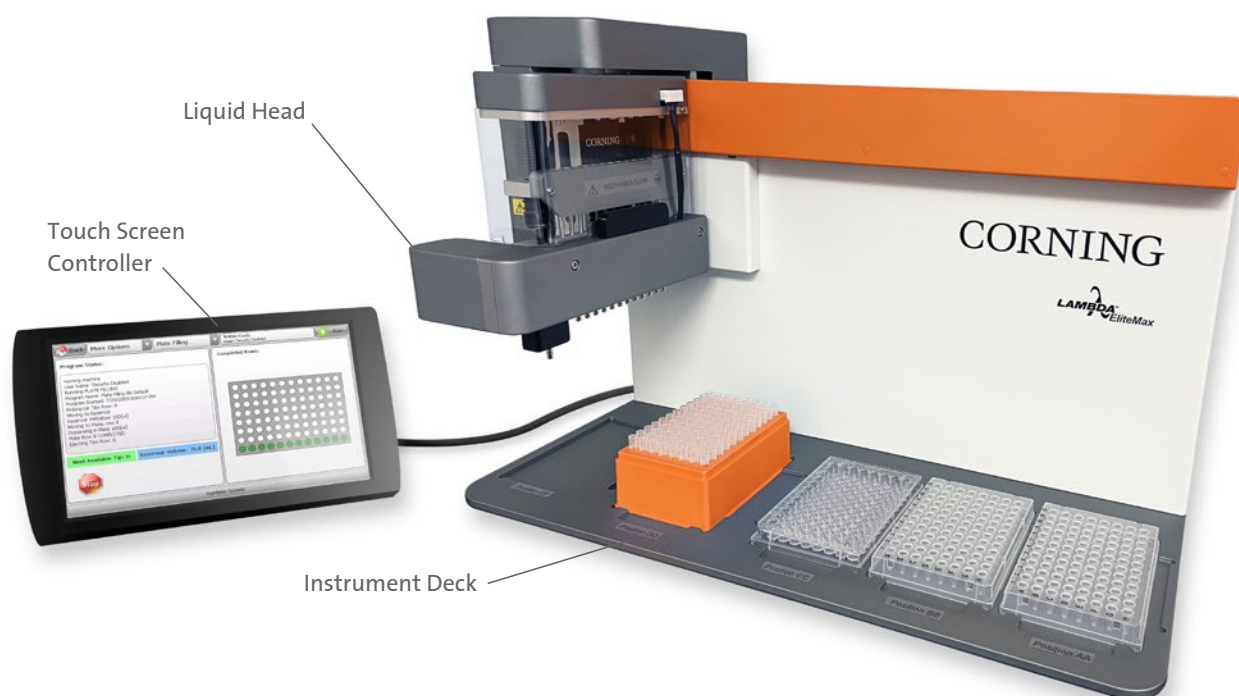
The Corning Lambda EliteMax Benchtop Pipettor is a semi-automated, affordable, and easy-to-use liquid handler for lab benches that are tight on space but require the power and ability to perform high content screenings for large volumes of assays. This is the optimal solution for purification, isolation, and extraction methods for sample preparation and compound management.

Operation of this device is managed either manually or through a large screen user-interface that makes it easy for customers to use. The speed of the dual, single- and multi-channel head can be changed depending on the liquid or compound type being transferred. In addition, the blowout feature helps to dispense all excess liquid that may remain in the tip after the dispensing process.

There are five deck seating positions on the platform, and consumables can be arranged in a landscape or portrait orientation. Multiple user accounts can be set up for the system to store user preferences, protocols, and methods. The USB flash drive port supports data exchange and backup files.

Features and Benefits

- ▶ Plate filling from reagent reservoirs
- ▶ Serial dilutions, plate-to-plate transfers, tube-to-tube transfers, and plate replication
- ▶ Well-to-well transfers (cherry picking protocol for single-channel head only). Unit comes with a single-channel and 12-channel head installed.
- ▶ Accurately and precisely transferring liquids and compounds between microplates
- ▶ Transferring by row or by column
- ▶ Additional complex applications can be performed such as sample preparation, timed reaction, PCR preparation, cell-based assays set up



Specifications

Performance Specifications

Pipetting Channels	Single-channel and 12-channel for 96-well format
Volume Range	1 µL to 200 µL
Plate Formats	96-well standard, shallow, deep well, microcentrifuge, V-, U-, and flat-bottom
Accuracy	
20 µL	<±2.0%
100 µL	<±1.5%
200 µL	<±1.0%
Precision	
20 µL	<1.5% CV
100 µL	<1.0% CV
200 µL	<0.7% CV

Technical Data

Dimensions (W x D x H)	
Main Unit	20.5 x 11.3 x 14.2 in. (520 x 285 x 360 mm)
Touch screen controller	11.3 x 6.3 x 5.3 in. (284 x 160 x 135 mm)
External power supply	55 in. (140 cm)
External power cord	72 in. (183 cm)
Touch screen controller cable	60 in. (152.4 cm)
Weight	
Main Unit	44 lbs. (20 kg)
Touch screen controller	3.3 lbs. (1.5 kg)
Power Requirements	
Main power supply	100-240 VAC, 47-63 Hz
Device input	24 VDC, 120W (US, EU, UK, CHN plug types included)
Operating Temperature	5°C to 40°C (relative humidity 80% up to 30°C or 45% relative humidity at 40°C)
Storage Temperature	-10°C to +50°C

Ordering Information

Corning® Lambda™ EliteMax Semi-automated Benchtop Pipettor

Cat. No.	Description	Qty/Cs
6070	Corning Lambda EliteMax semi-automated benchtop pipettor (touch screen controller with software and license included)	1



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CORNING

Corning Incorporated
Life Sciences

www.corning.com/lifesciences

NORTH AMERICA
t 800.492.1110
t 978.442.2200

ASIA/PACIFIC
Australia/New Zealand
t 61 427286832
Chinese Mainland
t 86 21 3338 4338

India
t 91 124 4604000
Japan
t 81 3-3586 1996
Korea
t 82 2-796-9500
Singapore
t 65 6572-9740
Taiwan
t 886 2-2716-0338

EUROPE
CSEurope@corning.com
France
t 0800 916 882
Germany
t 0800 101 1153
The Netherlands
t 020 655 79 28
United Kingdom
t 0800 376 8660

All Other European Countries
t +31 (0) 206 59 60 51

LATIN AMERICA
grupoLA@corning.com
Brazil
t 55 (11) 3089-7400
Mexico
t (52-81) 8158-8400