LEP-100 Large Capacity Pipette

Others

Introduction

The LEP-100 Large Capacity Pipette is designed for liquid handling applications ranging from 0.1 ml to 100 ml. It provides convenient control of the entire pipetting process, from liquid aspiration to dispensing, using two buttons. The pipetting speed can be easily adjusted to ensure accurate and efficient liquid handling. Featuring a liquid crystal display, ergonomic design, lightweight construction and durable performance, the LEP-100 is a practical addition to any laboratory.

Features

1. Ergonomic design with a comfortable grip and simple operation, suitable for use with super-long pipettes. Easy to operate with precise control.
2. Six adjustable aspiration speeds and six dispensing speeds, with a gravity dispensing mode for small-volume pipetting applications.
3. High-capacity pump with rapid liquid aspiration and a strong blow-out function to minimise residual droplets and improve pipetting accuracy.
4. Large LCD displays the current aspiration and dispensing speeds. A low-battery warning alerts users when recharging is required.
5. Fully electronic operation helps reduce manual effort and muscle strain. Supplied with a desktop pipette holder that also serves as a charging station.
6. Built-in lithium battery with a specialised circuit design to prevent overcharging. A single charge provides at least 8 hours of intermittent operation, with a charging time of approximately 2 hours.
7. Hydrophobic filter helps prevent excess liquid from entering the main unit, reducing the risk of cross-contamination.





Parameters

Model	LEP-100
Aspirate Speeds	6 speed adjustable
Dispense Speeds	6 speed adjustable with gravity dispense
Battery	Replaceable lithium battery
Battery Service Life	Intermittently at least 8 hours of normal use
Charging time	About 2 hours
Pipette type	0.1 ~ 100ml glass or plastic pipette, Pasteur pipette
Filtration membranes	0.45μm hydrophobic membranes
Charging power supply	DC4.2V 500mAh
Dimensions	W.30 x D.161 x H.147 mm
Net weight	0.65kgs