

Electronic Pipette Filling Device



The Iris Electronic Pipette Filling Device EF-200 is friendly, efficient and reliable electronic pipette filling instrument. Designed for ease and comfort to suit all types of liquid handling needs in every laboratory. Now, available in a new attractive design.

- Two LED's - **Red - low charging - Green - Charging status**
- Continuous adjustment of pump speed during operation.
- An universal silicon collet is provided to accept all standards pipettes up to 100 ml. internal knurling on the collet holds the pipette firmly.
- Comfortable grip.
- In-line membrane filter (0.2 micron) prevents **(a)** Aerosol Contamination **(b)** Liquid from entering the equipment by accident.
- Ni-MH 3.6 rechargeable batteries are used in combination with low power consumption circuit and vacuum/pressure pump. allows eight hours of continuous operation.
- Available in attractive colour combinations.
- Battery charger is provided with all models.

Motoirze Pipette Controller

SPECIFICATIONS		
✖ Weight 190 g	✖ Approx. twelve hours of continuous pipetting (with a 10ml pipette)	
✖ Operating and charging temperature +10°C to +35°C	✖ Without recharging	
✖ Pipetting speed: 50ml in less than 10 seconds	✖ Battery pack Lithium battery 2.4v/700mAh	
✖ For glass and plastic pipettes from 0.1 to 200ml		
✖		
Operating		
✖ COMFORTABLE: Ergonomic handgrip, weight only 190g, perfectly balanced design - for fatigue-free pipetting even in prolonged operations.		
✖ SINGLE-HANDED OPERATION: With pipette controller, you have continuously variable speed control using just two buttons. In addition, you can select your preferred maximum motor speed to improve sensitivity and control with low-volume pipettes.		
✖ POWERFUL AND QUIET: At maximum motor speed, a 50 ml pipette is filled in less than 10 seconds. Now that's fast! Motor and pump operate quietly and with very low vibration. The longer you use it, the more you will appreciate it.		
✖ ADVANCED CHARGING: The intelligent battery charger prevents overcharging of the NiMH battery. It effectively reduces the lazy-battery effect (shortened operating time due to premature recharging). No need to worry about having enough battery power left to finish your series. A flashing LED light will alert you approx. two hours in advance.		
Order information		
Cat.No.	Code.No.	Colour
8011160	TEL01	Dark blue
8011161	TEL02	Magenta
8011162	TEL03	Dark Green
8011163	TEL04	Gray

Technical Specification:

Product Type	Fully Autoclavable Bottle Top Dispenser
Model	RD-2
Autoclavable	Yes
Volume Range	0.25 - 2.5 ml
Increment	0.05 ml
Accuracy $\pm\%$	$\pm 0.6\%$
Accuracy $\pm$ (μ l)	± 0.015 ml
CV $\pm\%$	$\pm 0.2\%$
C V $\pm$ (μ l)	± 0.005 ml
Piston	PTFE
Cylinder	Glass
Volume Adjustment Knob	Screw Type
Valve Housing	PTFE
Valve Assembly	Glass Ball & Seat
Discharge Assembly	PTFE
Delivery Tube	FEP
Inlet Tube	FEP
Calibration	Individually calibrated and certified. In-lab easy calibration by the user is also possible.
Accuracy & Reproducibility	In accordance with ISO 8655 standards
Certifications/Compliance	CE, ISO 8655
Catalogue No.	4001025-0



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