

BOECO ELECTRONIC PIPETTES



CHARGING STAND
BOE 9650002



ACRYLIC PIPETTE STAND
BOE 9650001

- ▶ Light weight and ergonomic design with comfortable operations help to avoid Repetitive Strain Injuries (RSI)
- ▶ Color coded tip ejector for easy identification
- ▶ Hi-resolution color graphic interface with real time display of pipetting operation.
- ▶ User friendly intuitive interface. Easy selection of all modes.
- ▶ Most reliable 3-point calibration method ensuring accuracy and consistency in pipetting results for longer time.
- ▶ Secured calibration with password protection
- ▶ Saves power by switching to Standby Mode if the pipette is not in use for long time.
- ▶ Favourite program can store frequently used sequence steps for smoother handling and complex process.
- ▶ Bottom assembly autoclavable
- ▶ Fast battery charging via charger with USB cable.

Modes

- ▶ Favourites
- ▶ Pipetting
- ▶ Reverse Pipetting
- ▶ Multi Dispensing
 - Sub Mode: Repeat Dispense, Auto Dispensing, Sequence Dispensing
- ▶ Diluting
 - Sub Mode: Diluting + Mixing
- ▶ Mixing
 - Sub Mode: Mixing, Pipetting + Mixing, Diluting + Mixing
- ▶ Settings
- ▶ Calibration

Technical Information:

Power: 4,2 V / 1150 mAh Li-ion battery
 Battery usage duration: 6 hours of continuous usage
 Battery charging duration: 2 hours for full charge

Every package includes:

BOECO Electronic Pipette, Multiplug Battery Charger (EU, UK, US), Li-ion battery, spanner tool, manual, quality-certificate.

Manufactured in accordance with ISO 9001:2008 and ISO 13485:2003 quality standards

Cat. No	Channel	Volume	Increment	Test Volume	Inaccuracy	Imprecision	Tip Type
BOE 9650010	1-ch	0,5 - 10 µl	0,01 µl	10 µl	±1,00 %	±0,60 %	A,B,C
				5 µl	±2,00 %	±1,00 %	
				1 µl	±2,50 %	±1,80 %	
BOE 9650100	1-ch	5 - 100 µl	0,1 µl	100 µl	±0,80 %	±0,20 %	D,E,F
				50 µl	±1,00 %	±0,50 %	
				10 µl	±3,00 %	±1,00 %	
BOE 9650220	1-ch	10 - 200 µl	0,1 µl	200 µl	±0,60 %	±0,20 %	D,E,F
				100 µl	±0,70 %	±0,30 %	
				20 µl	±2,50 %	±0,70 %	
BOE 9651100	1-ch	50 - 1000 µl	1 µl	1000 µl	±0,60 %	±0,20 %	G,H,I
				500 µl	±1,00 %	±0,40 %	
				100 µl	±3,00 %	±0,60 %	
BOE 9655000	1-ch	250 - 5000 µl	5 µl	5000 µl	±0,60 %	±0,15 %	J
				2500 µl	±1,20 %	±0,25 %	
				500 µl	±2,40 %	±0,60 %	

ACCESSORIES

BOE 9650001 Acrylic single pipette stand for BOECO Electronic Pipettes

BOE 9650002 Charging stand for BOECO Electronic Pipettes, 110V-220V

BOECO ELECTRONIC PIPETTE CONTROLLER, GP SERIES

for all pipettes from 0,1 to 200 ml.

With the BOECO electronic pipette controller pipette handling is simple and comfortable. The ergonomic handle - very light weight at about 190 grams - and excellent balance all contribute to ease of operation. The speed can be adjusted easily, continuously and exactly with one hand using two buttons.

A 50 ml pipette can be filled comfortably in less than 10 seconds. The liquid release can be done either by gravity delivery when calibrated 'ex' (to deliver) or in blow out mode using the battery-operated motor. Pipettes are held securely and tightly in the exchangeable adapter.

Liquid vapours are purged directly to protect the instrument.

One full charge of the nickel-metal hydride battery allows 8 hours of non-stop pipetting.

The charge level of the recyclable battery is shown by the LED indicator.

Defective batteries are easily replaced. To avoid surprises, the LED indicator changes from green to red two hours before the battery must be recharged.

The BOECO GP Series Pipette Controller can still be operated while the battery is being recharged.

Manufactured in Germany in accordance with ISO 9001:2008 / ISO 14001:2009 quality and environmental standards.



**BOECO ELECTRONIC
PIPETTE CONTROLLER
GP SERIES**

Cat. No.	Description
BOE 9900000	BOECO Electronic Pipette Controller, GP Series with battery, battery charger 100-230V, with multiplug charger (EU, UK, US/J, AUS) and 2 x 0,2 µm replacement membrane filters

BOECO ELECTRONIC PIPETTE CONTROLLER; SA SERIES

is an engine powered pipetting aid designed for cordless work with glass or plastic pipettes in 0.1 - 200 ml range. Ergonomically shaped and carefully modeled light weight handle, together with its smooth push buttons and conveniently located slide switch it ensures effortless pipetting even during extensive use.

- ▶ Powerful yet quite pump can fill a 25 ml pipette under 4 seconds
- ▶ Autoclavable pipette cone
- ▶ Double Safety valve and hydrophobic filters provide double protection against fluid penetration
- ▶ Two different speed modes – High, Low along with Gravity drain.
- ▶ Cadmium Free environment friendly NiMH batteries
- ▶ Batteries can be changed very easily by the end user
- ▶ The intelligent charger prevents over charging / heating of batteries
- ▶ Low battery indicator
- ▶ The specially designed desktop stand enables the Pipette Controller to be charged while resting on it
- ▶ The Pipette Controller can hold serological pipette while resting on the desk top stand

Technical Information:

Power	2x1.2 V/1000 mAh rechargeable NiMH batteries.
Battery usage duration:	Eight hours continuous use
Battery charging duration	2 – 3 hours to charge fully
Volumetric Range	Plastic or Glass pipette from 0.1 ml up to 200 ml
Safety System	Replaceable hydrophobic 0.45 µm and 0.2 µm PTFE filter, Safety check valve

Cat. No.	Description
BOE 9600010	BOECO Electronic Pipette Controller, SA series with battery, battery charger 100-230V, and 1 x 0.2 µm Hydrophobic PTFE membrane filter 1 x 0.45 µm Hydrophobic PTFE membrane filter Wall mounting stand with screw, Desktop stand



**BOECO ELECTRONIC
PIPETTE CONTROLLER
SA SERIES**

