

## Powerpette Digital Pipette Controller



The Powerpette Digital represents an entirely new concept in liquid handling with all the features of existing pipette fillers and more.

With Powerpette Digital, pipette filling is under microprocessor control with programmable functions such as multi-dispensing controlled via the keypad and LCD display. The Powerpette Digital requires no calibration and can be used as a macro pipettor and a dispenser either with disposable tips or as a pipetting aid with all types of graduated and ungraduated pipettes from 1 to 25 ml.

- New concept in liquid handling
- Microprocessor controlled
- Multiple functions:
  - Pipetting
  - Multiple dispensing
  - Sequenced dispensing
  - Continuous
- Requires no calibration

### Functions

- **Pipetting:** Pipetting with blowout
- **Multiple Dispensing:** Repetitive dispensing of a single selected volume
- **Sequenced Dispensing:** Dispensing of varying, user programmable volumes, in any sequence
- **Continuous:** Continuous, user controlled, pipetting within the operating range with blowout

Powerpette Digital also allows the programming of variable aspirate and dispensing speeds for optimum precision for liquids of different viscosities.

The Powerpette Digital is fitted with a 0.45 µm filter and is supplied complete with a charging stand, AC adaptor, two spare hydrophobic filters (one each of 0.45 µm and 0.2 µm), one nosecone/adaptor to accommodate all 1 to 25 ml pipettes, a nosecone/adaptor to accommodate 5 ml pipette tips, and an instruction manual.

### Performance Specifications

	Inaccuracy	Imprecision
<b>5 ml SealTip:</b>		
O-mode 0.5 ml	3.0%	2.0%
P-mode 5 ml	1.5%	0.5%
d-mode 10 x 0.5 ml	5.0%	2.5%
<b>25 ml Pipette:</b>		
P-mode 2 ml	3.0%	1.0%
P-mode 25 ml	0.5%	0.3%
d-mode 10 x 2.5 ml	2.0%	1.5%

### Programming Specifications

Pipette Size	Range in Pipette-Mode	Range in Dispense-Mode	Range in Continuous-Mode
1 ml	0.1 to 1.0 ml	0.1 to 0.5 ml	0 to 1.0 ml
2 ml	0.2 to 2 ml	0.1 to 1.0 ml	0 to 2.0 ml
5 ml	0.5 to 5 ml	0.1 to 2.5 ml	0 to 5.0 ml
10 ml	1.0 to 10.0 ml	0.5 to 5.0 ml	0 to 10.0 ml
25 ml	2.0 to 25.0 ml	1.0 to 12.5 ml	0 to 25.0 ml

### Specifications

<b>Batteries</b>	4 x 666 mAh NiCd
<b>Battery Service Life</b>	2000 dispensings
<b>Charger</b>	9 V/200 mA, available in UK/ Euro/US/Japanese versions
<b>Overall Weight</b>	280 g without stand
<b>Pipette Types</b>	Plastic or glass 1 to 25 ml
<b>Functions:</b>	
<b>Pipetting</b>	With blowout
<b>Multiple Dispensing</b>	Repetitive dispensing of a single selected volume
<b>Sequenced Dispensing</b>	Of varying user-programmable volumes in any sequence
<b>Continuous</b>	User controlled, pipetting within the operating range with blowout

Catalog No.	Product
CGS 8831.76	Powerpette Digital Pipette Controller, 110 VAC, 60 Hz
CGS 8832.76	Powerpette Digital Pipette Controller, 240 VAC, 50 Hz UK Plug
CGS 8833.76	Powerpette Digital Pipette Controller, other power, must specify desired power/plug configuration
CGS 8834.76	Replacement Silicone Pipette Holder, pkg. of 1
CGS 8835.76	Replacement Filter Set 0.45 µm, pkg. of 5
CGS 8836.76	Replacement Filter Set 0.2 µm, pkg. of 5
CGS 8837.76	Sterile Filter 0.45 µm, pkg. of 1
CGS 8838.76	Sealpette Tip G, Superfine, White, pkg. of 100