

WHEATON® PIPET-PAL™ CONTROLLER



DWK LIFE SCIENCES
DURAN WHEATON KIMBLE

WHEATON®

PIPET-PAL™ Controller

DWK Life Sciences has a long history of providing liquid handling solutions to laboratories from research to academia. The latest addition to our offering, the WHEATON PIPET-PAL Controller, is ergonomically designed to sit comfortably in your hand and allow your fingers to keep a natural position during long hours of pipetting and dosing activities.

In addition to ergonomics, this controller is lighter, faster and provides a longer operating time. This will help you cut your work time and offer you an improved ergonomic pipetting experience.

PIPET-PAL features:

- Lightweight (195g) and well-balanced, making even prolonged pipetting very comfortable
- Quiet, robust pump for high pipetting speed
- Precise finger-control of pipetting enables accurate dispensing, even drop-by-drop
- Versatile for both fine dosing and gravimetric dispensing
- Designed for use with all serological pipettes in the volume range 1-100mL
- Eliminate contamination with a replaceable, sterile filter
- Lithium-Polymer battery technology for long operating time
- Autoclavable pipette holder for cleanliness and safety
- Supplied with a universal power supply for worldwide use
- 1 year warranty

Material Selection

Parts in contact with liquid flow are chemically inert, providing for stability and long instrument life.

Parts	Material
Body	Polyamide
Nosepiece	Polyoxymethylene
Pipette mount	Silicone
Filter Rubber	Silicone



Performance and ordering information

Supplied with Quick Start Guide, warranty registration card, Lithium-Polymer battery (included in the instrument), wall mount, power adapters with 4 country plugs (US/JP, EU, UK, AU) and a spare 0.45 um sterile filter.

Cat. No.	Description	Qty/Case
W155091	PIPET-PAL Controller, Translucent Blue	1
W155521	PIPET-PAL Wall Mount	1
W153016	Replacement PTFE Filters, 0.45µm, non-sterile	10
W153015	Replacement PTFE Filters, 0.45µm, sterile	10
W156607	Replacement PTFE Filters, 0.20µm, non-sterile	10
W156608	Replacement PTFE Filters, 0.20µm, sterile	10

*For additional spare parts, please go to www.wheaton.com.



WHEATON®

PIPET-PAL™ Controller

Choice of Pipetting Speeds

The PIPET-PAL Controller has a unique motor design that allows for a wide range of pipetting speeds. The innovative valve and dosing system provide precise control of the liquid, from drop by drop dispensing to fast liquid displacement.

The general pipetting speed is easily preset via the thumb wheel ❶ on the back of the instrument. The speed is then easily regulated with the tips of your fingers, providing you with a precise control of the liquid level in the pipette.

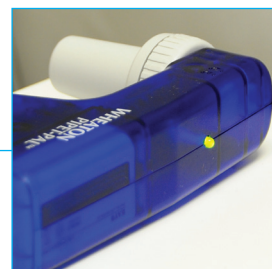
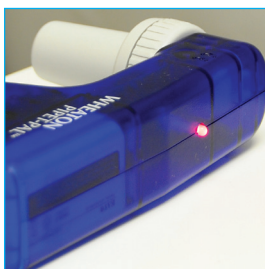
When working with large volume pipettes, the Turbo Mode provides the unit with 20% extra pipetting speed. ❷ Simply connect the power supply to the instrument to make it one of the fastest pipette controllers on the market.



Longer Operating Time ❸

The PIPET-PAL Controller is supplied with the latest Lithium-Polymer battery technology. This battery provides a cordless working time of over 6.5 hours of non-stop pipetting with a minimal charging time of only 3.5 hours without memory effect.

The LED battery indicator on the controller displays clearly the status of the instrument's charge. A green indicator light indicates the controller is fully charged. A flashing red light indicates the battery is low and need to be charged soon. Once the red light flashes, PIPET-PAL can be used for approximately 100 pipetting cycles before shutting down.



COLOR INDICATED BATTERY LEVEL

The LED provides clear information about the charging status by switching between red and green

EASY TO CLEAN

Autoclavable nose piece and easy to replace hydrophobic filter for reliable protection

PRECISION

Precise control of the liquid by applying various finger pressure on triggers, from fine to fast pipetting

VERSATILE

Ideal for use with all commercially available serological pipettes, from 1 to 100mL



EASY SPEED CONTROL

Continuous preset of the pipetting speed via the thumb wheel

ERGONOMICALLY DESIGNED

Lightweight, well-balanced and designed to sit comfortably in your hand for effortless pipetting

POWERFUL

When working with large volume pipettes, connect the power cord to use Turbo Mode and increase the pipetting speed by 20%

WHEATON®

PIPET-PAL™ Controller



Technical Specifications

Feature	Details
Maximum pipetting speed	13.5mL/s (with a 50mL pipette)
Gravity dispense	Slight pressure on dispense button
Pipette compatibility	Glass and plastic pipettes with volume from 1 to 100mL
Filter protection	0.45µm (included) or 0.2µm (order separately)
Weight	195 grams
Operating conditions	5–40°C, max. 80% RH
Power requirements	Input: 100–240 VAC, 50/60 Hz Output: 17 VDC ±10 %/180 mA ±10 %
Rechargeable battery	Lithium Polymer, 7–10 V, min. 550 mAh
Dimensions (H x W x D)	125 x 130 x 35mm
Running time with fully charged battery	5500 cycles of aspiration and dispensing of 25mL
Typical charging time	3.5 hours



WHEATON®, PIPET-PAL™ are registered trademarks or trademarks of DWK Life Sciences LLC or its subsidiaries.
Copyright © 2019 DWK Life Sciences LLC. WBRO_047 02/2019



8221 East FM 917 • Alvarado, TX 76009 • Phone:(800)369-5524 • Fax:(817)783-3571
www.foxscientific.com • sales@foxscientific.com