

REVOLUTION IN PIPETTING

DISCOVERY⁺ single & multichannel pipettes combine the highest levels of accuracy and precision with design innovations intended to make the pipetting experience more comfortable over prolonged periods. With dramatically reduced pipetting forces and improved ergonomics the new version of DISCOVERY pipettes represent a whole new advance in manual pipetting technology.



VOLUME SETTING
using the pushbutton
or thumbwheel

PIPETTING BUTTON
Large, rounded
and easy on
the thumb

UV RESISTANT BODY
can be safely sterilised with UV
radiation - even prolonged
exposure



LARGER VOLUME DISPLAY
with easy-to-read numbers

CONTOURED SHAPE
is comfortable
in either small
or large hands

REDESIGNED SOFT SPRING SYSTEM
requires much lower pressures
for pipetting

COMPLETELY AUTOCLAVABLE

For sensitive laboratory applications, all DISCOVERY⁺ models are FULLY autoclavable at 121°C/100 kPa/20 min. Unlike many "autoclavable" pipettes, DISCOVERY⁺ requires minimal accuracy checks and/or recalibration.

360° EJECTOR
pipette and eject
in any direction.

CURVED EJECTOR BAR
reduces the force
required for ejection

REVOLUTIONARY MULTICHANNEL MANIFOLD



- Shaft withdraw when pressed against a row of tips
- Each shaft moves independently
- Even sealing force applied to all tips
- No jamming of side tips
- Safely sealed with lowest possible force
- Tips can be ejected with minimum effort

DISCOVERY⁺ MULTI CHANNEL

REVOLUTION IN PIPETTING

REVOLUTIONARY MULTICHANNEL MANIFOLD

DISCOVERY+ Multichannels feature a revolutionary suspension system which allows the shafts to retract slightly when they are pressed against a row of pipette tips. Each shaft moves independently, resulting in an even sealing force being applied to all 8 or 12 tips. This ensures that all tips are secured on their individual shaft with the minimum of effort – and never fall off!

The suspension system not only ensures secure tip sealing but also eliminates the common incidence of tips being jammed on pipette outer shafts. The innovative ejection bar is curved, allowing the tips to be pushed off in steps, therefore reducing the amount of force required for ejection.

For comfortable pipetting in any direction improved DISCOVERY+ manifold now ejects tips within 360°.

Each and every DISCOVERY+ is subjected to extensive quality/performance checks before it is passed for despatch. Calibrated and issued with a unique individual certificate of accuracy and precision to guarantee the standards set by the manufacturing quality management systems certified to ISO 9001/2000 – you can absolutely rely on DISCOVERY+.



QUALITY CONTROL CERTIFICATE			
PZ HTL S.A. is in possession of a registered and certified quality management system, which includes the development, production and sales of high quality Liquid Handling products.			
Each instrument passes stringent validation and Control Procedures in accordance with EN ISO 8655.			
All HTL manual pipettes are CE marked.			
HTL <small>high tech lab</small>			
Model: DV8-200 Serial: 752230332 Cat.No.: 5223 Date: 19.09.07 Tested by: C06 Status:	Volume (µl) : 20.000 Accuracy (%) : -0.278 Precision (%) : 0.447 Passed	Volume (µl) : 200.00 Accuracy (%) : 0.827 Precision (%) : 0.116 Passed	
Tested with distilled water: Condition of measurements: Basis of adjustment: Ex; Reference temperature: 20°C; Relative air humidity: 50%; Barometric pressure: 101kPa			

ORDERING INFORMATION

Model	Cat. No.	Colour code	Volume [µl]	A [%]	P [%]	Fit to tips [µl]
DV8-10 DV12-10	5221 5225	Red	Min 1	±8.0	± 6.0	10
			5	±4.0	± 2.0	
			Max 10	±2.0	± 1.2	
DV8-50 DV12-50	5222 5226	Yellow	Min 5	±4.0	± 2.5	200
			25	±3.0	± 1.2	
			Max 50	±1.6	± 0.6	
DV8-200 DV12-200	5223 5227	Yellow	Min 20	±3.0	± 1.5	200
			100	±1.5	± 0.8	
			Max 200	±1.0	± 0.6	
DV8-300 DV12-300	5224 5228	Green	Min 50	±1.6	± 1.5	300
			150	±1.2	± 1.0	
			Max 300	±1.0	± 0.6	



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MULTI CHANNEL