

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.



FINGER - HOOK
takes the weight,
for a more relaxed grip

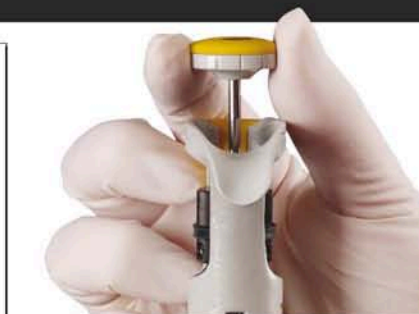
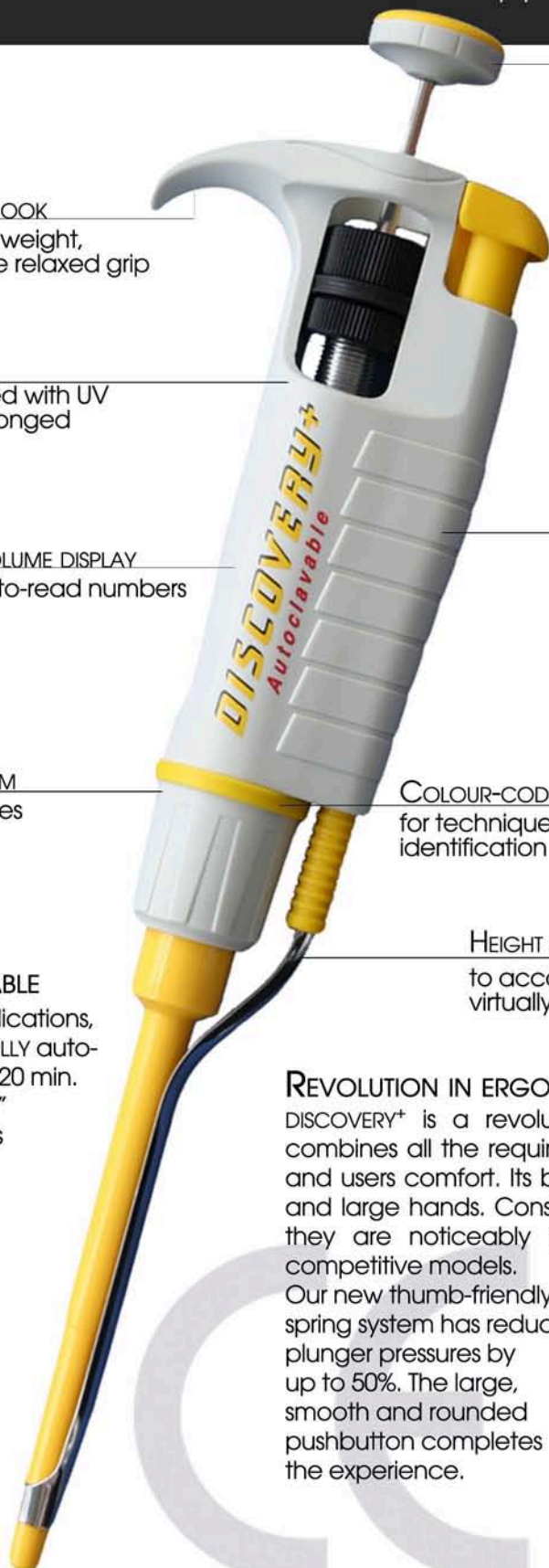
UV RESISTANT BODY
can be safely sterilised with UV
radiation - even prolonged
exposure



LARGER VOLUME DISPLAY
with easy-to-read numbers

REDESIGNED SOFT SPRING SYSTEM
requires much lower pressures
for pipetting

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



VOLUME SETTING
using the pushbutton
or thumbwheel

CONTOURED SHAPE
is comfortable
in either small
or large hands

COLOUR-CODED RINGS
for technique or owner
identification

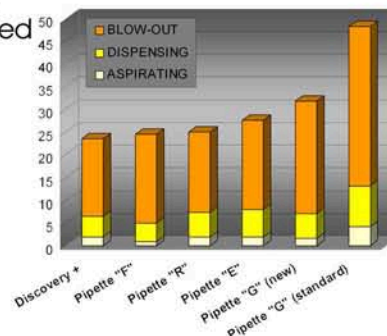


HEIGHT ADJUSTABLE EJECTOR
to accommodate
virtually all brand of tips

REVOLUTION IN ERGONOMICS

DISCOVERY⁺ is a revolutionary digital pipette which combines all the requirements of highest ergonomics and users comfort. Its body shape fits equally in small and large hands. Constructed from durable PP/PVDF they are noticeably lighter in weight than many competitive models. Our new thumb-friendly spring system has reduced plunger pressures by up to 50%. The large, smooth and rounded pushbutton completes the experience.

Forces comparison of pipettes [N]



DISCOVERY⁺ SINGLE CHANNEL

REVOLUTION IN PIPETTING

Internally, featuring medical grade stainless steel springs/pistons* plus a PTFE/O-ring seal system for a long serviceable life. 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+.

All DISCOVERY+ internal components are engineered to bring a new standard in pipetting performance. All raw materials are carefully selected to guarantee long pipette life even in the most severe environments. Included in our comprehensive quality procedures:

- Component testing
- Durability testing
- Aging/Transportation testing

For convenience, and to allow DISCOVERY+ to be maintained in the user's lab a calibration key is also supplied with every pipette. All DISCOVERY+ pipettes are covered by a 3 year warranty.



*Piston assembly for 1ml, 5ml and 10ml - polyphenylenesulphide (PPS)

ORDERING INFORMATION

Model	Cat. no.	Colour code	Volume (µl)	A (%)	P (%)	Fit to tips (µl)
DV2 D2	4301	Red	0.2	± 12.0	± 6.0	10
	4331		1.0	± 2.7	± 1.3	
	Max		2.0	± 1.5	± 0.7	
DV10 D10	4302	Red	Min	0.5	± 4.0	± 2.8
	4332		5.0	± 1.0	± 0.6	
	Max		10.0	± 0.5	± 0.4	
DV20 D20	4303	Yellow	Min	2	± 3.0	± 1.5
	4333		10	± 1.0	± 0.5	
	Max		20	± 0.8	± 0.3	
DV50 D50	4307	Yellow	Min	5	± 2.5	± 2.0
	4337		25	± 1.0	± 0.6	
	Max		50	± 0.8	± 0.4	
DV100 D100	4304	Yellow	Min	10	± 1.6	± 0.80
	4334		50	± 0.8	± 0.24	
	Max		100	± 0.8	± 0.20	
DV200 D200	4305	Yellow	Min	20	± 1.2	± 0.60
	4335		100	± 0.8	± 0.25	
	Max		200	± 0.6	± 0.20	
DV250 D250	4300	Green	Min	50	± 1.0	± 0.4
	4330		125	± 0.8	± 0.3	
	Max		250	± 0.6	± 0.3	
DV1000 D1000	4306	Blue	Min	100	± 1.6	± 0.40
	4336		500	± 0.7	± 0.20	
	Max		1000	± 0.6	± 0.15	
DV5000 D5000	4308	White	Min	1000	± 0.6	± 0.25
	4338		2500	± 0.6	± 0.20	
	Max		5000	± 0.5	± 0.15	
DV10000 D10000	4309	White	Min	1000	± 2.5	± 0.6
	4339		5000	± 0.8	± 0.3	
	Max		10000	± 0.5	± 0.2	

The DV/D2 minimum volume is 0.1µl.

The D2 – D10000 pipettes are produced with the shafts in the same colour code range as the colour code of the pipettes.

The colour of the shafts for the DV version is light-grey for all volumes.



PZ HTL S.A.
Daniszewska 4
03-230 Warsaw
POLAND

TEL: +48 22 492 19 00
FAX: +48 22 811 50 47
info@htl.com.pl
www.htl.com.pl

SINGLE CHANNEL