

More than just precise – slim, light and dependable!



HandyStep® S

Solutions for Science

F I R S T C L A S S · B R A N D

The **HandyStep® S** repetitive pipette fits the hand like a glove, offers highly dependable performance and is simple to operate.

■ **Truly stress-free!**

Well-balanced weight distribution, ergonomic control element layout

■ **Always dependable!**

Robust construction, inspired design, and innovative polymers

■ **Always ready to use!**

No battery-dependent display, no battery change!
Integrated volume table

■ **Highly versatile!**

10 PD-Tip sizes, 59 different volumes. Accepts third-party dispenser tips!

■ **Contact-free!**

Eject tips with the press of a button – never any tip contact!



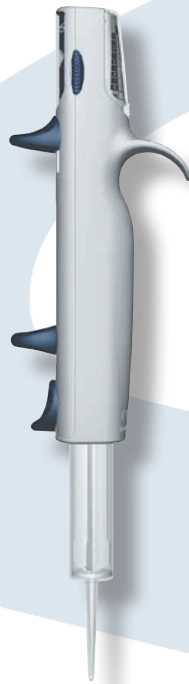
HandyStep® S – the repetitive pipette for any occasion!

Ideal for routine or research applications in diagnostics, molecular biology, environmental analysis, and many more.

HandyStep® S and PD-Tips work on the direct displacement principle. This offers the highest-precision dispensing of liquid media with high viscosity, high density, or high vapor pressure. Direct displacement permits contamination-free operation, since no aerosols are formed.

More data and facts:

- increased chemical resistance through innovative plastic materials
- easy tip mounting – PD-Tip is now simply inserted from below
- dispensed volume range from 2 µl to 5 ml
- up to 49 dispensing steps
- weighs only 108 g
- suitable for use with BRAND PD-Tips, Encode™ tips, Repet tips, Combitips®, Combitips® plus and other compatible dispenser tips
- CE-**IVD**-compliant



HandyStep® S Solutions for Science



Repetitive dispensing



Dispenser tip ejection

Clear, large indicator

Perfect!

Optimally positioned dispensing lever, easy on the thumb.

Fast volume selection

The double-sided volume table on the back side shows all the necessary stroke setting information at a glance.

Setting	Tip size (ml)				Steps
	0.1	0.5	1	2.5	
1	2	10	20	50	49
2	3	15	30	75	32
3	4	20	40	100	24
4	5	25	50	125	19
5	6	30	60	150	15
6	7	35	70	175	11
7	8	40	80	200	8
8	9	45	90	225	6
9	10	50	100	250	5

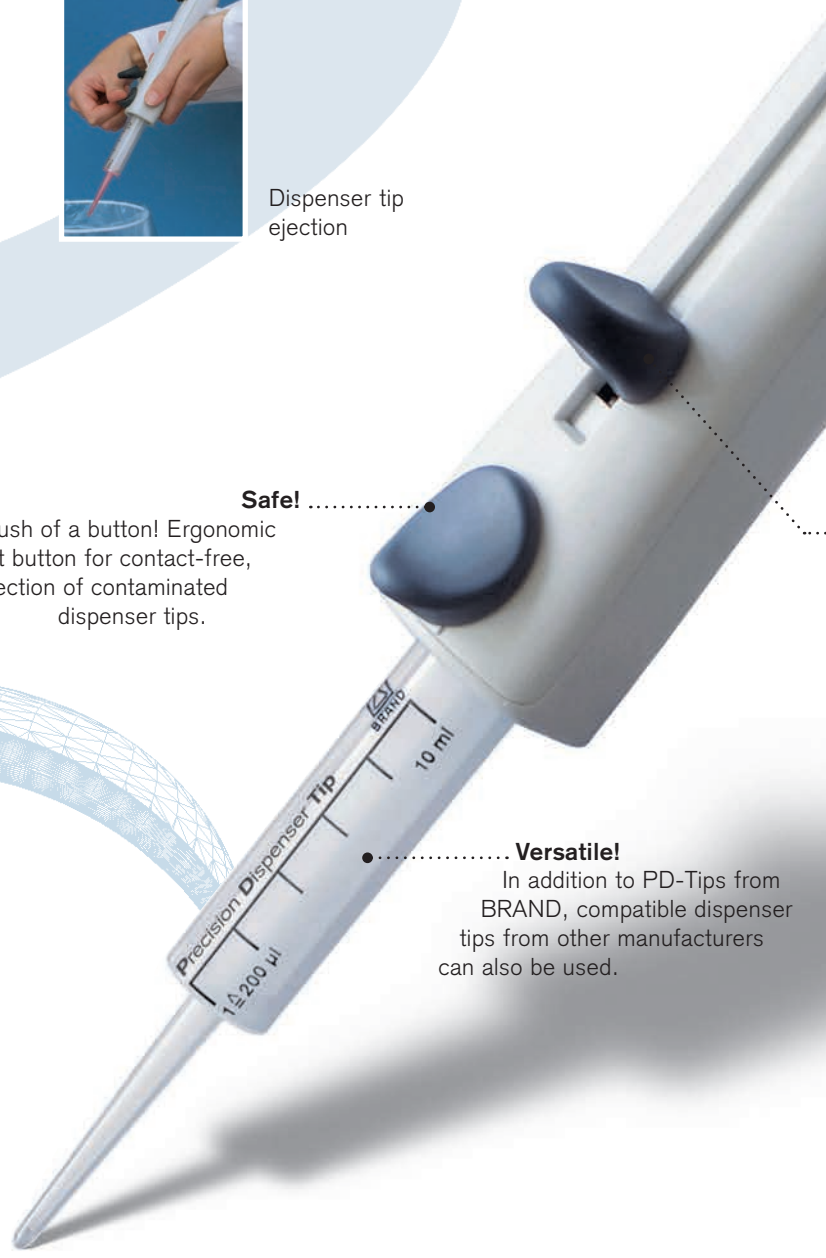
Volume (µl)

Safe!

At the push of a button! Ergonomic eject button for contact-free, safe ejection of contaminated dispenser tips.

Versatile!

In addition to PD-Tips from BRAND, compatible dispenser tips from other manufacturers can also be used.



At a glance ...

Precise!
Large stroke selection
– for fast, simple
checking.

Straightforward!
Double-sided volume
table on the back side for
quick adjustments!
(see below)

Rapid!
One-handed volume
adjustment for right- and
left-handed operators –
even with gloves!

Comfortable!
Ergonomic finger loop to keep
the hand relaxed, important when
conducting long series!

Simplified!
Just one lever for locking the
piston and filling the PD-Tip!

Rack mount for
HandyStep® S



The rack mount
also fits the
Transferpette® S
bench-top rack.



Volume table HandyStep® S with PD-Tips

Offers 59 different partial
volumes with different numbers
of dispensing steps, depending
on the PD-Tip size and stroke
setting number used.

Setting	Tip size (ml)										Steps
	0.1	0.5	1	1.25	2.5	5	10	12.5	25	50	
1	2	10	20	25	50	100	200	250	500	1000	49
1.5	3	15	30	37.5	75	150	300	375	750	1500	32
2	4	20	40	50	100	200	400	500	1000	2000	24
2.5	5	25	50	62.5	125	250	500	625	1250	2500	19
3	6	30	60	75	150	300	600	750	1500	3000	15
3.5	7	35	70	87.5	175	350	700	875	1750	3500	13
4	8	40	80	100	200	400	800	1000	2000	4000	11
4.5	9	45	90	112.5	225	450	900	1125	2250	4500	10
5	10	50	100	125	250	500	1000	1250	2500	5000	9
Volume (µl)											



Technical Data



HandyStep® S

Conformity-certified, with serial number, performance certificate, operating manual, shelf/rack mount, 3 PD-Tips: 0.1 ml, 1 ml and 10 ml. Pack of 1.

Cat. No. 7051 10

Shelf / Rack mount

for HandyStep® S.
Pack of 1.

Cat. No. 7051 30



PD-Tips (Precision Dispenser Tips) from BRAND

Capacity ml	Pack of	non sterile Cat. No.	sterile** Cat. No.	BIO-CERT® Cat. No.
0.1	100	7024 02	7024 04	7026 83
0.5	100	7023 70	7023 84	7026 84
1	100	7024 06	7024 36	7026 85
1.25	100	7023 72	7023 86	7026 86
2.5	100	7023 74	7023 88	7026 88
5	100	7023 76	7023 90	7026 90
10	100	7024 07	7024 38	7026 91
12.5	100	7023 78	7023 92	7026 92
25*	50/25***	7023 80	7023 94	7026 94
50*	25	7023 82	7023 96	7026 96



PD-Tips BIO-CERT® are sterile, free of endotoxin, DNA, RNase and ATP.

* incl. 1 adapter, ** sterile/free of endotoxin – single wrapped, *** PD-Tips 25 ml: non sterile pack of 50 / sterile pack of 25

Accuracy Table (PD-Tips from BRAND, 20 °C 'Ex', H)

PD-Tip size ml	Volume range µl	A* ≤ ± %			CV* ≤ %		
		Stroke setting ± % of nominal volume 1 ± 2%	3 ± 6%	5 ± 10%	Stroke setting ± % of nominal volume 1 ± 2%	3 ± 6%	5 ± 10%
0.1	2 - 10	4.0	2.4	1.6	6.0	3.0	2.0
0.5	10 - 50	2.5	1.5	1.0	2.5	1.5	1.0
1	20 - 100	2.5	1.5	1.0	2.0	1.2	0.8
1.25	25 - 125	2.5	1.4	0.9	2.0	1.1	0.7
2.5	50 - 250	1.8	1.1	0.7	1.5	0.9	0.6
5	100 - 500	1.8	1.1	0.7	1.5	0.9	0.7
10	200 - 1000	1.8	1.1	0.7	2.0	1.2	0.8
12.5	250 - 1250	1.8	1.1	0.8	3.2	2.0	1.4
25	500 - 2500	1.5	0.9	0.6	3.0	1.5	1.0
50	1000 - 5000	1.5	0.8	0.5	5.0	1.8	1.2

A* = Accuracy, CV* = Coefficient of variation

The nominal volume is the maximum volume printed on the PD-Tip.

Error limits refer to the partial volume set relative to the PD-Tip size, obtained at equal temperature (20 °C) of instrument, tip, ambience and dist. H₂O, and with smooth, steady operation. The testing is according to DIN EN ISO 8655-5.

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