

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 new 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 (incl. the new 1 and 10 ml tips), 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

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! Clear, large stroke selection indicator – for fast, simple checking.

Perfect! Optimally positioned dispensing lever, easy on the thumb.

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.



Fast volume selection

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



Volume table HandyStep® S with PD-Tips

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

BRAND® PD-Tips (Positive Displacement Tips)

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
NEW! 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
NEW! 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 (HandyStep® S with BRAND® PD-Tips, 20 °C 'Ex', H)

Nominal volume PD-Tip (ml)	Volume range (µl)	A* ± %			CV* ≤ %		
		Stroke setting 1 ± 2%	3 ± 6%	5 ± 10%	Stroke setting 1 ± 2%	3 ± 6%	5 ± 10%
0.1	2 - 10	8.0	2.7	1.6	5.0	3.0	2.0
0.5	10 - 50	4.0	1.33	0.8	1.4	0.73	0.6
NEW! 1	20 - 100	4.0	1.33	0.8	1.0	0.38	0.4
1.25	25 - 125	4.0	1.33	0.8	0.8	0.38	0.3
2.5	50 - 250	3.5	1.17	0.7	0.8	0.3	0.2
5	100 - 500	2.5	0.83	0.5	0.6	0.27	0.2
NEW! 10	200 - 1000	1.5	0.5	0.4	0.5	0.23	0.2
12.5	250 - 1250	1.5	0.5	0.3	0.3	0.23	0.2
25*	500 - 2500	1.5	0.5	0.3	0.4	0.23	0.2
50*	1000 - 5000	1.5	0.5	0.3	0.4	0.23	0.15

A* = Accuracy, CV* = Coefficient of variation

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, jerk-free operation. The testing is according to DIN EN ISO 8655-5.

HandyStep® and BRAND® are trademarks of BRAND GMBH + CO KG, Germany. Other reproduced brands are the property of the respective owner.

Our technical literature is intended to inform and advise our customers. However, the validity of general empirical values, and of results obtained under test conditions, for specific applications depends on many factors beyond our control. Please appreciate, therefore, that no claims can be derived from our advice. The user is responsible for checking the appropriateness of the product for any particular application.

Subject to technical modification without notice. Errors excepted.

BRAND GMBH + CO KG · P.O. Box 11 55 · 97861 Wertheim · Germany
Tel.: +49 9342 808-0 · Fax: +49 9342 808-236 · E-Mail: info@brand.de · Internet: www.brand.de

