

More than just precise – slim, light and dependable!



HandyStep[®] 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!

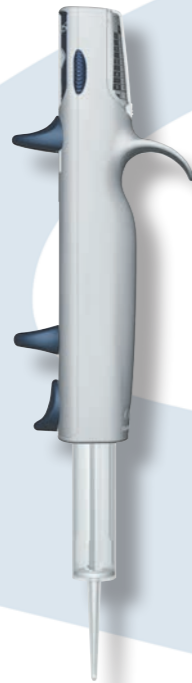
Ideal for routine or research applications in diagnostics, molecular biology, environmental analysis, and many more.

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

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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

DE-M marking, 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', DE-M marking)

| 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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California Residents: For more information concerning California Proposition 65, please go to www.brand.de/calprop65

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