

# Pipettors

## Repeating Pipettors, HandyStep® touch/touch S



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Microprocessor controlled, motor driven, positive displacement, stepping pipettor system. Comprising hand-held pump unit with built-in rechargeable battery, touchscreen operation with menu navigation in English, German, Spanish, French or Chinese and a series of accessory reservoir tips allowing single volumes from 1ul to 50ml (depending on the tip selected) to be repeatedly and accurately dispensed.

- ◆ Choice of models:
  - HandyStep® touch: multidispensing, autodispensing or pipetting modes
  - HandyStep® touch S: additionally features sequential dispensing, multi-aspiration and titration modes
- ◆ Automatic tip recognition of PD-Tips II stepper tips
- ◆ Compatibility with other common stepper pipette tips (but without tip recognition, tip volume must be manually entered)
- ◆ Factory calibrated
- ◆ Clear LCD menu readout shows function, step volume and number, speed and battery status, or tip details
- ◆ The rechargeable NiMH battery is quickly charged using the charger supplied, alternatively an accessory inductive charging stand is available

### Performance data: HandyStep® touch with PD-Tips II

PD-Tip Size	Volume range	A* (±%) at indicated % of nominal capacity				CV* (±%) at indicated % of nominal capacity			
		100%	50%	10%	1%	100%	50%	10%	1%
0.10ml	1.0µl to 100µl	1.0	1.2	1.6	16	0.50	1.00	2.00	12.00
0.50ml	5.0µl to 500µl	0.9	0.9	0.9	9	0.25	0.50	1.00	6.00
1.25ml	12.5 µl to 1250µl	0.6	0.9	0.9	8	0.15	0.30	0.60	3.50
2.50ml	25.0µl to 2500µl	0.5	0.8	0.8	8	0.10	0.20	0.40	2.50
5.00ml	50.0µl to 5000µl	0.5	0.8	0.8	8	0.08	0.15	0.30	1.50
12.5ml	125µl to 12.5ml	0.4	0.5	0.5	5	0.08	0.15	0.25	1.25
25.0ml	250µl to 25ml	0.3	0.3	0.3	3	0.08	0.15	0.25	1.25
50.0ml	500µl to 50ml	0.3	0.3	0.3	3	0.08	0.15	0.25	1.25

\*A = Accuracy, CV = Coefficient of variation. Tolerances are within ISO 8655 requirements.

### HandyStep® touch Control units

As described. Supplied with universal a.c. adapter requiring a 100-240V a.c. supply and shelf/rack mount.

- PR072-15 HandyStep® touch
- PR072-25 HandyStep® touch S

### PD-Tips II

According to ISO 8655. Precision moulded, polypropylene barrels with HDPE piston plungers. Additive and lubricant free. Provide automatic size recognition when used with HandyStep touch and other manufacturers' step pipettors which have this facility.

### PD-Tips II, non sterile

As described. Supplied loose in packs as indicated. The 25ml and 50ml sizes require, and are supplied with, an autoclavable adapter.

	Size ml	Pack qty.
PR064-08	0.1	100
PR064-10	0.5	100
PR064-12	1	100
PR064-14	1.25	100
PR064-18	2.5	100
PR064-22	5	100
PR064-24	10	100
PR064-26	12.5	100
PR064-30	25	50
PR064-34	50	25

### PD-Tips II, Bio-Cert® sterile

As described. Bio-Cert® sterile, endotoxin, DNA/RNase and ATP-free, polypropylene bodied tips with HDPE piston and individually wrapped within outer packs as indicated. The 25ml and 50ml sizes require, and are supplied with, an autoclavable adapter.

	Size ml	Pack qty.
PR067-38	0.1	100
PR067-42	0.5	100
PR067-50	1.25	100
PR067-54	2.5	100
PR067-58	5	100
PR067-66	12.5	100
PR067-70	25	25
PR067-74	50	25



PR072

### Spare adapters

For use with 25ml and 50ml tips only.

- PR068-50 Non-sterile, pack of 10
- PR068-90 Sterile, pack of 5
- PR072-45 Spare NiMH rechargeable battery
- PR072-55 Inductive charging stand for single PR072-models



PR064/PR067