

HandyStep electronic pipettor dispenser



The Brand HandyStep electronic pipettor adds versatility to any laboratory environment; any volume from 1.0µl to 50ml can be selected. Brand encoded tops are automatically recognised and displayed, third party tips are accepted but the volume has to be entered manually. The HandyStep provides three different functions: Dispensing, Automatic Dispensing and Pipetting, all with continuously variable volume.

Power for the HandyStep is provided by a re-chargeable NiMH battery pack which automatically re-charges when the instrument is placed in the charging dock. Spare batteries are available to avoid down-time, a second battery pack can be charged in the dock while working with the pipettor. All information is preserved while replacing the battery which only takes a few seconds.

Supplied with performance certificate, NiMH battery pack, charging dock and AC adapter, plus one each of PD-tip sizes 0.5ml, 1.25ml, 2.5ml, 5ml and 12.5ml.

Technical Specifications

| PD Tip size | Volume range | Nominal volume (A* ± ± %) | | | | Nominal volume (CV* ≤ %) | | | |
|-------------|-----------------|---------------------------|-----|-----|-----|--------------------------|-----|-----|------|
| | | 100% | 50% | 10% | 1% | 100% | 50% | 10% | 1% |
| 0.1ml | 1.0µl - 100µl | 1.0 | 1.0 | 1.6 | 8.0 | 0.5 | 1.0 | 2.0 | 12.0 |
| 0.5ml | 5.0µl - 500µl | 0.9 | 0.9 | 1.0 | 5.0 | 0.3 | 0.6 | 1.0 | 5.0 |
| 1.0ml | 10.0µl - 1000µl | 0.6 | 0.9 | 1.0 | 5.0 | 0.3 | 0.5 | 0.8 | 4.0 |
| 1.25ml | 12.5µl - 1250µl | 0.6 | 0.6 | 0.9 | 5.0 | 0.2 | 0.5 | 0.7 | 4.0 |
| 2.5ml | 25.0µl - 2500µl | 0.5 | 0.6 | 0.7 | 3.5 | 0.15 | 0.3 | 0.6 | 3.0 |
| 5.0ml | 50.0µl - 5000µl | 0.5 | 0.5 | 0.7 | 3.5 | 0.15 | 0.4 | 0.7 | 3.0 |
| 10.0ml | 100µl - 10ml | 0.4 | 0.5 | 0.7 | 3.5 | 0.15 | 0.5 | 0.8 | 4.0 |
| 12.5ml | 125µl - 12.5ml | 0.5 | 0.5 | 0.8 | 3.5 | 0.15 | 0.6 | 1.4 | 6.5 |
| 25.0ml | 250µl - 25ml | 0.5 | 0.5 | 0.6 | 3.0 | 0.15 | 0.3 | 1.0 | 6.0 |
| 50.0ml | 500µl - 50ml | 0.5 | 0.5 | 0.5 | 3.0 | 0.15 | 0.4 | 1.2 | 9.0 |

*Error limits refer to the nominal volumes and partial volumes relative to the PD tip, obtained with instrument and distilled water at equilibrium with ambient temperature at 20°C, and with smooth operation. The error limits defined in ISO 8655 are not exceeded. A = Accuracy, CV = Coefficient of variation.

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

| Cat. No. | Code | Description |
|----------------------------|--------|--|
| PP/15420 | 705001 | Brand HandyStep Electronic pipettor/dispenser with charger |
| PP/15422 | 705130 | Wall mounting bracket |
| PP/15424 | 705025 | Spare NiMH battery pack |
| PD Tips DE-M marking, 20°C | | |
| PT/16420 | 702402 | HandyStep tip, non-sterile 0.1 ml, pack of 100 |
| PT/16422 | 702370 | HandyStep tip, non-sterile 0.5ml, pack of 100 |
| PT/16424 | 702372 | HandyStep tip, non-sterile 1.25ml, pack of 100 |
| PT/16426 | 702374 | HandyStep tip, non-sterile 2.5ml, pack of 100 |
| PT/16428 | 702376 | HandyStep tip, non-sterile 5ml, pack of 100 |
| PT/16430 | 702378 | HandyStep tip, non-sterile 12.5ml, pack of 100 |
| PT/16432 | 702380 | HandyStep tip, non-sterile 25ml, pack of 50 plus 1 adapter |
| PT/16434 | 702382 | HandyStep tip, non-sterile 50ml, pack of 25 plus 1 adapter |
| PT/16450 | 702404 | HandyStep tip, sterile 0.1ml, pack of 100 |
| PT/16452 | 702384 | HandyStep tip, sterile 0.5ml, pack of 100 |
| PT/16454 | 702386 | HandyStep tip, sterile 1.25ml, pack of 100 |
| PT/16456 | 702388 | HandyStep tip, sterile 2.5ml, pack of 100 |
| PT/16458 | 702390 | HandyStep tip, sterile 5ml, pack of 100 |
| PT/16460 | 702392 | HandyStep tip, sterile 12.5ml, pack of 100 |
| PT/16462 | 702394 | HandyStep tip, sterile 25ml, pack of 25 plus 1 adapter |
| PT/16464 | 702396 | HandyStep tip, sterile 50ml, pack of 25 plus 1 adapter |
| PT/16466 | 702399 | Adapter, sterile, for use with 25 and 50ml sterile and non-sterile tips, pack of 5 |



PP/15420



PT/16420



PT/16450