

**NEW!**

# HandyStep<sup>®</sup> touch

- Touchscreen operation with intuitive menu navigation and integrated help function
- Two models available: HandyStep<sup>®</sup> touch or HandyStep<sup>®</sup> touch *S* with expanded functionality

- Menu languages: English, German, Spanish, French and Chinese
- Variable volume adjustment from 1.0  $\mu$ L to 50 mL
- Inductive charging with optional charging stand

## A closer look

### Versatile

HandyStep<sup>®</sup> touch with the standard modes Multi-Dispensing, Auto-Dispensing, Pipetting and Favorites;

HandyStep<sup>®</sup> touch *S* with the additional functions Sequential Dispensing, Multi-Aspiration and Titration

### Long-lasting

Many hours of continuous operation with a single battery charge

### Robust

High-quality materials provide long service life, and smooth surfaces make cleaning/ disinfection easy

### Easy

Automatic size detection of BRAND<sup>®</sup> PD-Tip<sup>™</sup> II

### Efficient

In addition to BRAND<sup>®</sup> PD-Tip<sup>™</sup> II, compatible third party tips can also be used.

### Simple

Automatic tip ejection by the press of a button prevents contamination

### Convenient

Inductive charging with the optional charging stand



### USB-C connection

For quick charging by cable

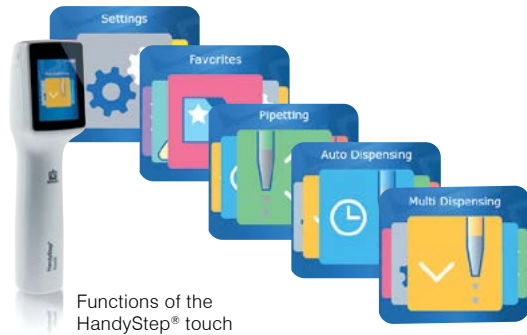
### STEP button

Ergonomically arranged STEP button for effortless volume filling and delivery

# HandyStep® touch Repeating Pipette

Be flexible and have the right solution at hand for every application. Even complex procedures are easy to carry out – no problem with the expanded functionality of the HandyStep® touch S.

Mode	Function	HandyStep® touch	HandyStep® touch S
Multi Dispensing (MULTI-DISP)	Successive dispensing of a set volume	✓	✓
Auto Dispensing (AUTO-DISP)	Automatic dispensing by the instrument	✓	✓
Pipetting (PIP)	Pipetting a defined volume	✓	✓
Sequential Dispensing (SEQ-DISP)	Successive dispensing of different volumes	–	✓
Multi Aspirating (MULTI-ASP)	Aspirating different volumes	–	✓
Titration	Manual or successive delivery of liquids for titration	–	✓
Favorites	Saving favorites for quick access	✓	✓
Settings	Individual customization of the device (e.g. brightness or device name)	✓	✓



Functions of the HandyStep® touch



Expanded functionality on the HandyStep® touch S

The clearly structured menus make fast work with intuitive operation possible, while the most important functions and parameters are always in view.



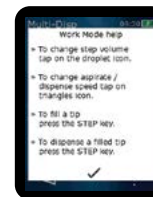
**Easy to understand**  
Main menu with all modes for quick selection



**Clearly structured**  
Working mode with all important information



**Organized**  
All options visible at a glance



**Helpful**  
Internal help right where it is needed

# HandyStep® touch Repeating Pipette

## Technical Data

### Operating limits and exclusions

Liquids unsuitable for use with the HandyStep® touch and PD-Tip™ // Precision Dispenser Tips include, but are not limited to, those with:

- Vapor pressure exceeding 500 mbar
- Viscosity: 20 mPa s with 50 mL PD-Tips™ //; 260 mPa s with 5 mL PD-Tips™ //; 977 mPa s with 1 mL PD-Tips™ //
- Chemicals incompatible with tips used, see page 30 for PD-Tip™ // materials of construction ; and polycarbonate (device housing)
- Temperature of instrument and reagents must be between 15° and 40° C
- The HandyStep® touch cannot be autoclaved

### Items supplied

Each HandyStep® touch includes:

- Li-Ion battery
- Universal power adapter
- Shelf/rack mount
- Five assorted volume PD-Tip™ // Precision Dispenser Tips
- Performance certificate
- Operating manual
- One-year warranty

### Use the tips you want

The only electronic repetitive pipette compatible with all standard repeating pipette tips. The HandyStep® touch accepts:

- BRAND® PD-Tip™ // Precision Dispenser Tips
- BRAND® PD-Tip™ Precision Dispenser Tips
- Rainin® Encode™ Precision Dispenser Tips
- Eppendorf® Combitips advanced®
- Fisherbrand® Dispenser Tips
- VWR® Combi-Syringes
- Gilson® Repet-Tips

### Accuracy and precision for the HandyStep® touch

PD-Tip™ //	Volume Range	Increment	A* < ±				CV* ≤			
			100%	50%	10%	1%	100%	50%	10%	1%
0.1 mL	1 µL-100 µL	0.1 µL	1	1	1.6	8	0.5	1	2	12
0.5 mL	5 µL-500 µL	0.5 µL	0.9	0.9	1	5	0.3	0.6	1	5
1.0 mL	10 µL-1000 µL	1 µL	0.6	0.9	1	5	0.3	0.5	0.8	4
1.25 mL	12.5 µL-1250 µL	1.25 µL	0.6	0.6	0.9	5	0.2	0.5	0.7	4
2.5 mL	25 µL-2500 µL	2.5 µL	0.5	0.6	0.7	3.5	0.15	0.3	0.6	3
5.0 mL	50 µL-5000 µL	5 µL	0.5	0.5	0.7	3.5	0.15	0.4	0.7	3
10.0 mL	100 µL-10 mL	10 µL	0.4	0.5	0.7	3.5	0.15	0.5	0.8	4
12.5 mL	125 µL-12.5 mL	12.5 µL	0.5	0.5	0.8	3.5	0.15	0.6	1.4	6.5
25.0 mL	250 µL-25 mL	25 µL	0.5	0.5	0.6	3	0.15	0.3	1.0	6
50.0 mL	500 µL-50 mL	50 µL	0.5	0.5	0.5	3	0.15	0.4	1.2	9

A\* = Accuracy, CV\* = Coefficient of variation

\*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. . The tolerances specified in ISO 8655 are not exceeded. The nominal (100%) volume is the maximum volume which is printed on the PD-Tip™ //.

Description	Cat. No.	2020 Cat. No.
<b>HandyStep® touch repeating pipette</b>		
HandyStep® touch	<a href="#">705200</a>	\$1,055.00
HandyStep® touch S	<a href="#">705210</a>	1,299.00
<b>Inductive charging stand bundles</b>		
HandyStep® touch & Charging stand	<a href="#">705201</a>	1,148.00
HandyStep® touch S & Charging stand	<a href="#">705211</a>	1,525.00
<b>Accessories</b>		
Charging stand	<a href="#">705220</a>	345.00
Support stand	<a href="#">705230</a>	144.00
Shelf/rack mount	<a href="#">705235</a>	35.00
Universal AC adapter	<a href="#">705250</a>	85.00
Spare battery	<a href="#">705225</a>	80.00

