Eppendorf Xplorer® and Xplorer plus

Modes of operation

**Pipetting**
- Aspirate set volume – Dispense complete volume

**Manual pipetting**
- Aspirate as long as rocker is held up – Dispense complete volume

**Pipetting and mixing**
- Aspirate once – Dispense complete volume and mix

**Dispensing**
- Aspirate only once – Dispense many times same volume by pressing rocker down repeatedly

**Automatic dispensing**
- Aspirate only once – Dispense many times same volume by keeping rocker down

How to Handle the Eppendorf Xplorer®/Xplorer plus

**Selection dial**
The arrow marks the selection mode

**Short instructions**

Eppendorf Xplorer®
- > Ads: Automatic dispensing
- > Dis: Dispensing
- > Pip: Pipetting
- > P/M: Pipetting and mixing
- > Man: Manual pipetting
- > Opt: Options

Eppendorf Xplorer® plus
- Additional modes
  - > Spc: Special modes
    - Multiple aspiration
    - Diluting
    - Sequential dispensing
    - Reverse pipetting
    - Sequential pipetting
  - > Prg: Program
  - > Edit: To edit Prg or Fix
  - > Fix: Fix volumes
# Eppendorf Xplorer® plus Additional Modes

## Special modes

### Multi-aspiration

Consecutive aspiration for pooling into one pipette tip

- Aspiration of equal volumes
  - press rocker up repeatedly
- Dispensing
  - press rocker down

### Diluting

Aspiration of a diluent and a sample separated by an air bubble

- Aspirating diluent
- Aspirating air bubble
- Aspirating sample
- Dispensing

### Sequential dispensing

Aspiration of liquid followed by dispensing it in up to 10 user-defined volume in sequential order

- Sequential dispensing of solution 1
  - 1st
  - 2nd

- Sequential dispensing of solution 2 in opposite direction
  - 1st
  - 2nd

### Reverse pipetting

Over-aspiration of liquid followed by a regular dispensing step

- Aspirating from „2nd stop“
- Dispensing to „1st stop“
- Re-aspirate or empty tip

### Sequential pipetting

Pipetting of up to 10 user-defined volume steps

- 1st
- 2nd
- 3rd

---

**The future in your hands**

People who give 100% every day deserve the best tools and the best laboratory equipment. You work on demanding problems and important decisions depend on the results of your work. Your standard is extremely high and your performance is professional. With the Eppendorf Xplorer®/Xplorer plus electronic pipette, your work achieves a new level of simplicity, precision and reproducibility.

> More information find in our eShop: www.eppendorf.com/xplorer

---

**Your local distributor:** [www.eppendorf.com/contact](http://www.eppendorf.com/contact)

Eppendorf AG · Barkhausenweg 1 · 22339 Hamburg · Germany

[www.eppendorf.com](http://www.eppendorf.com) · [eppendorf@eppendorf.com](mailto:eppendorf@eppendorf.com)

Eppendorf®, the Eppendorf Brand Design, Eppendorf Xplorer®, epT.I.P.S®, and ep DualFilteT.I.P.S® are registered trademarks of Eppendorf AG, Germany. All rights reserved, including graphics and images.

Copyright © 2019 by Eppendorf AG.