



Supreme Stability

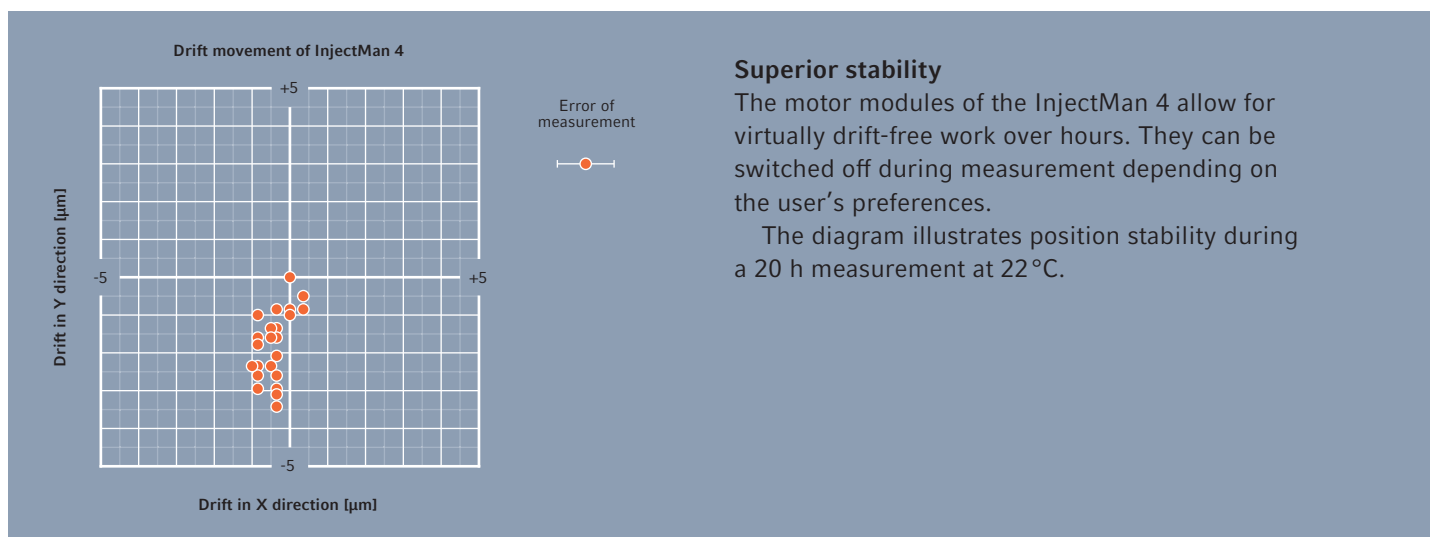
The Eppendorf InjectMan® 4 for patch clamp and electrophysiology

A Solid Foundation

Precision and reliability are essential for optimal results. This is particularly true, when exact positioning and stability are key to successful experimentation. Patch clamp has been an indispensable method in electrophysiology since the 1980s. Its versatility and precision allow neuroscientists to tackle one of the most fascinating challenges in the life sciences: understanding the human brain.

Eppendorf has a long-standing tradition in cell manipulation and single cell experimentation. We have served as expert partner to cell biology and neuroscience labs for more than 30 years.

The InjectMan 4 is an ideal tool for demanding applications, such as micromanipulation or patch clamp. It combines state-of-the-art technology with exceptional ease of use. The many smart features of the InjectMan 4 facilitate your work and effectively help protecting your precious samples. In this manner the InjectMan 4 can make a valuable contribution to the quality of your research and experimental results.



Highest flexibility

The InjectMan 4 can be adapted to all common microscopes. Its easily adjustable angle head allows for angle settings from 0° to 90°.

The available headstage holder is compatible with most frequently used pre-amplifier models. This way, you can optimally set up your workstation according to your individual needs.

The InjectMan® 4

Product features

- > Maximum stability for drift-free work
- > Extra-fine movement for highly precise positioning (< 20 nm motor step size)
- > Intuitive movement control with a single joystick
- > Advanced functions (e.g., axial movement, position memory, Z-limit)
- > Home function and swivel-out movement for easy access to sample and electrode
- > No electrical noise for optimal measurements
- > Adaptable to all conventional microscopes
- > PC interface for remote control



Other Eppendorf solutions for your lab:



Antivibration Pads

Eppendorf antivibration pads effectively protect your precious samples from vibrations and mechanical disturbances. Pads for different weight ranges provide an ideal customized solution for your workstation.



Cell Culture Consumables

Experience a new dimension in cell culture with Eppendorf Cell Culture Consumables. We put a special focus on excellent growth characteristics, supreme handling and on advanced protection against contamination.



CO₂ Incubators

Eppendorf CO₂ incubators maintain a constant presence in cell culture labs all over the world with their exceptional temperature and CO₂ control. They feature a seamless inner chamber, optional high-temperature disinfection and variable oxygen control.

Ordering information

Description	International Order no.	North America Order no.
InjectMan® 4, micromanipulator with dynamic movement control	5192 000.019	5192000027
Accessories and Microscope Adapters for InjectMan® 4		
Headstage holder, for pre-amplifier, for InjectMan® 4	5192 073.008	5192073008
Spare parts kit	5192 071.005	5192071005
Leica® 1, for Leica® DMI3000 B, 3000 M, 4000 B, 5000 B, 5000 M, 6000 B, DM IRB E, HC, DMi8 and DM IRE 2 microscopes	5192 301.000	5192301000
Leica® 2, for Leica® DM IL LED and HC microscopes	5192 302.007	5192302007
Nikon® 1, for Nikon Eclipse® Diaphot 200, 300 and Eclipse® Ti-E, Ti-U, Ti-S, TE200, TE300, TE2000 microscopes	5192 316.008	5192316008
Olympus® 1, for Olympus® IX50, IX51, IX70, IX80, and IX81 microscopes	5192 306.002	5192306002
Olympus® 2, for Olympus® IX53, IX73, IX83 microscopes	5192 307.009	5192307009
Olympus® 3, for Olympus® IX53 with illumination IX2-ILL30	5192 308.005	5192308005
Zeiss® 1, for Zeiss® Axiovert® 200 and AxioObserver A1, D1, and Z1 microscopes	5192 311.006	5192311006
Zeiss® 2, for Zeiss® Axio Vert.A1 microscope	5192 312.002	5192312002
Universal stand, for mounting TransferMan® 4r and InjectMan® 4 micromanipulators on upright microscopes and stereo microscopes independent of the microscope tripod used	5192 325.007	5192325007
Adapter bridge, for mounting TransferMan® 4r and InjectMan® 4 micromanipulators on microscope adapters for TransferMan® NK 2, InjectMan® NI 2 and PatchMan NP 2	5192 321.001	5192321001
Antivibration Pads		
Antivibration Pad XS, weight range 4.5–6.0 kg	5181 301.009	920007945
Antivibration Pad S, weight range 6.0–8.0 kg	5181 303.001	920007953
Antivibration Pad M, weight range 8.0–10.0 kg	5181 305.004	920007961
Antivibration Pad L, weight range 10.0–12.5 kg	5181 307.007	920007970
Antivibration Pad XL, weight range 12.5–16.5 kg	5181 309.000	920007988
Cell Culture Consumables		
Different CCC Dish and Multi-Well Plate formats available. For more information visit: http://ccc.eppendorf.com		
CO₂ incubators		
Galaxy® 170 R with high-temperature disinfection	CO17311001	CO17211005
Galaxy® 170 R with high-temperature disinfection, 1–19 % O ₂ control and 4-split inner door	CO17334001	CO17234005
Galaxy® 48 R with high-temperature disinfection	CO48310001	CO48210005
Galaxy® 170 R with high-temperature disinfection, 1–19 % O ₂ control and 2-split inner door	CO48332001	CO48232005

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