



▶ **Micromanipulator DC-3KS** 3 axes motor drive with swing in / out function

	Specifications	Order Information
Manual Version: (travel range / readout)	X-axis = 37 mm / 0,1 mm Y-axis = 20 mm / 0,1 mm Z-axis = 20 mm / 0,1 mm	DC - 3KS, right-sided Part No.: 00-45-205-0000
Motorized Version: (travel range / readout)	X-axis = 10 mm / 10 µm Y-axis = 10 mm / 10 µm Z-axis = 10 mm / 10 µm	DC - 3KS, left-sided Part No.: 00-45-206-0000
Weight:	1.500 g	Accessories Controller MS 314 Part No.: 00-75-220-0814 Remote control for MS 314 Part No.: 00-75-220-1814 STM 3 joystick controller Part No.: 00-75-220-0804

Features

The micromanipulator DC-3KS offers the possibility for manual or motorized operation of all three axes (X, Y, and Z) and features a swing-in / swing-out function for the tool holder. This swing in/out device allows the tilting of the tool holder to one side for rapid, easy changing and cleaning of micro tools (capillaries, electrodes, etc.). Once the tool holder is back in place, the micro tools are instantly in working position. This simplifies and speeds up operations, without losing time for adjustment. The motorized fine positioning of the electrode is very smooth and possible without the interference of electronic noise, even in sub-micron range.

The manual part is equivalent to our MM33.

For the purpose of avoiding that the Z-axis will descend when working with weighty loads (drift), there is an optional break (Z-axis stop) available.

The motorized movement ensues through three fine adjustment slides with built-in DC-motors and micrometer spindle with readout resolution 10 µm.

The motorized X-axis can be tilted by 90° which allows an easy positioning of capillaries, electrodes, etc.. The DC-3K includes a ½ inch mounting clamp.

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