

The **MP-845** manipulator is now also available in stainless steel! The standard version of the **MP-845** has virtually no drift in its motor and bearing assemblies. The last remaining hurdle is that of thermal drift caused by the expansion and contraction of the aluminum body of the manipulator. By utilizing a stainless steel with very low coefficient of expansion, the **MP-845S** is simply the lowest drift manipulator available on the market. The added mass of the stainless steel body has the additional benefit of dampening out vibration, giving the stainless **MP-845S** the silkiest movement of any manipulator.

Because low expansion stainless steels do have some ferric content, the stainless **MP-845S** is PVD coated in titanium nitride, giving it its distinctive gold color. This coating will ensure that the stainless trio will resist corrosion caused by exposure to salt solutions in a lab environment.



(TRIO MP-845S)

ADDITIONAL FEATURES:

TRIO MP-845 MECHANICAL

- Now also available in thermally stable stainless steel
- Mechanically robust construction for high stability
- Precision cross-roller bearings
- Three independent axes – 25 mm orthogonal travel in X, Y and Z
- Carries up to a kilogram
- Suited for *in vivo* and *in vitro* electrophysiological recording
- Universal mounting system for headstage or pipette holder

ALUMINUM
MPC-145 One MP-845 manipulator mechanical, one TRIO MPC-100 controller, mounting adapter plate, rod holder, hinged headstage mount, 4 inch dovetail extension, manipulator connecting cables, power cord and manual (please specify right or left handed)

MPC-145-2 TRIO MPC-145 with (2) MP-845 (please specify right or left handed)

STAINLESS STEEL
MPC-145S One MP-845S manipulator mechanical in stainless steel, one TRIO MPC-100 controller, mounting adapter plate, rod holder, hinged headstage mount, 4 inch dovetail extension, manipulator connecting cables, power cord and manual (please specify right or left handed)

MPC-145S-2 TRIO MPC-145 with (2) stainless steel MP-845S mechanicals (please specify right or left handed)

FIXED STAGE PLATFORM
MT-78-FS Fixed platform stage with imperial/standard holes, chamber insert and gantry supports

MT-78-FS/M6 Same as above with M6 tapped holes

MANIPULATOR COLUMNS
MT-75 Standard gantry stand
 8.7 to 13.4 in (22.1 to 33.9 cm)
MT-75S Short gantry stand
 6.7 to 9.6 in (16.9 to 24.4 cm)
MT-75T Tall gantry stand I
 0.7 to 15.4 in (27.1 to 39.1 cm)
MT-75XT Extra tall gantry stand
 14.7 to 18.5 in (37.4 to 47 cm)