

NEW!

SMOOTH INSERTION OF MICROCAPILLARY INTO CELL MEMBRANE

PRECISE MOVEMENT OF MICROMANIPULATOR WITHIN RANGE OF TRAVEL

INERTIAL FORCE FROM PIEZO-ELECTRIC CONTROL MINIMIZES DAMAGE OF BIOMEMBRANES

HIGH RESOLUTION

PRECISE POSITIONING

COMPACT DESIGN



PRIME TECH PMM-4G PIEZO IMPACT DRIVE

Delicate perforation of the membranes and easy operation are essential for micromanipulation. With Prime Tech's knowledge and well established experience in microinjection, and their long-standing expertise in Piezo technology demonstrated in the very popular **PMM-150FU**, Prime Tech has created the new **Piezo PMM-4G**. The improvements introduced in the **Piezo PMM-4G** include a smaller and more effective drive unit with improved transmission efficiency of force to pipette, 3 programmable modes: Standard, Piezo-ICSI and Expert to optimize manipulation for specific protocols, and an enhanced Piezo design that provides a more gentle and effective impact. The advanced user interface with a touch screen display provides ease of input and displays the current injection settings in a compact design that fits easily around the microscope. In addition, the new controller gives the user the ability to more precisely adjust the driving force.

Prime Tech is very pleased to introduce the new **Piezo PMM-4G** where the new design features and functions allow the user to attain a level of micromanipulation that is "Gentle for both Oocyte and Operator." The **PMM-4G** is user-friendly to both the beginner and the expert!

Drive unit [MB-D]

The new MB-D drive unit easily mounts to the manipulator and has greater durability and performance. **PMM-4G** enables the injection to be performed more gently through improvements to the drive unit.

Interface Module [TS-1]

The **PMM-4G** touch screen interface displays the various "mode" choices and settings. The Interface Module is compact so it can easily be situated next to the user. Settings can be selected or an on/off switch used to control the entire unit.

PMAS-CT4G

The PMAS-CT4G controller includes a power saving function and has been reduced in size compared to the previous model PMAS-CT150. The new controller remains compatible with the PMM-150HJ/FU Operating Box [OP-15].

PMM-4G

Includes: Controller, operation box, piezo impact drive and foot switch

Available from Sutter in the Western Hemisphere. Please contact Sutter for other international destinations.

SUTTER INSTRUMENT

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