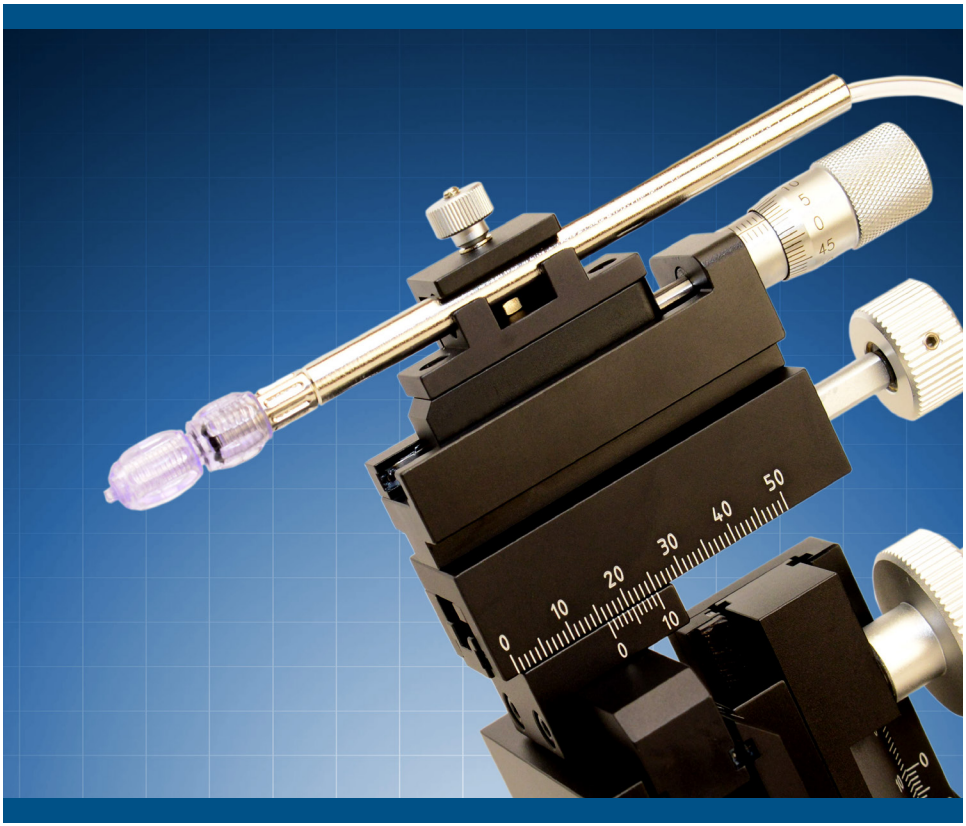
APPLIED SCIENTIFIC
INSTRUMENTATION

MICROINJECTOR PIPETTE HOLDER MIMPH-MPIP KIT

INSTRUCTION MANUAL



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Rev. 1

APPLIED SCIENTIFIC INSTRUMENTATION

MICROINJECTOR PIPETTE HOLDER

The Microinjector Pipette Holder is designed to hold glass drawn micropipettes in a stable, easy to mount, easy to clean, autoclaveable, stainless steel body.

MIMPH-M-PIP Kit Includes:

- (1) Pipette Holder
- (1) O-ring Set
- Roll of medical grade tubing

PIPETTE PARTS

ITEM NO.	PART NUMBER	QTY
1	BODY	1
2	TUBE CAP	1
3	COLLET - 1-1.5 mm	1
4	COLLET CAP	1
5	O-Ring #003 **Dimensions:** Width: 0.06", ID: 0.056", OD: 0.176"	3
	O-Ring #004 **Dimensions:** Width: 0.07", ID: 0.070", OD: 0.210"	3
6	Medical Tubing **Dimensions:** Length:~5', ID: 0.063", OD: 0.125"	1

TUBING AND O-RINGS

ASSEMBLY INSTRUCTIONS FOR THE MICRO PIPETTE HOLDER

1. Remove the collet and collet cap from the front of the tube cap, and remove the stainless steel tube body from the back of the tube cap.

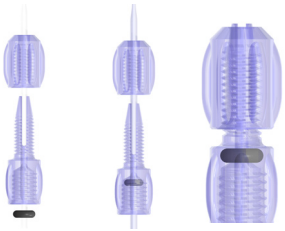
2. Feed the tubing through the tube body and attach it to the tube cap's barbed end.

Yellow transparency to represent clear tubing going through the metal tube body

3. Thread the tube cap back on the tube body.

4. Carefully insert the glass capillary pipette between the halves of the collet so that the pipette extends beyond the o-ring 2 mm. Secure the pipette by lightly tightening the collet cap without crushing the pipette.

Note: This step is to hold the pipette, not create an air tight seal; that is accomplished in the next section.



CAUTION

MICRO DRAWN GLASS PIPETTES POSE A CUT OR PUNCTURE RISK. HANDLE THEM WITH RESPECT.

5. With the pipette secured in the collet, thread the collet onto the tube cap and tube body assembly. Carefully compress the o-ring in the collet until a seal is achieved. Be careful to not over-tighten.

WARNING

Micro drawn glass pipettes pose a cut or puncture risk. Always secure the holder away from hand motion and do not let the pipette point at yourself or another person. Always secure the glass capillary pipette carefully in the collet; an unsecured pipette can shoot out of the assembly at high velocity due to high pressures from the injection device.

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