

# MF-900

## Microforge

### Multiple functions for making different kinds of microtools.

The MF-900 microforge offers a wide range of functions such as cutting, bending, fire-polishing, and forming a spike for making many different kinds of microtools by processing pipette tips. An easy-to-use manipulator is provided for operating the heater and pipette, and the microscope is operated three-dimensionally with control close to the operator's hand. Separate rotation mechanisms for vertical and horizontal movement allow the pipette to be approached at any angle, while a special device in the heater section can form it into any required shape. As well as conventional scales, a protractor to measure angles is provided on the microscope eyepiece. With the heater turned ON/OFF via a foot switch, and the heater section integrated into the microscope body, all control actions are performed easily and precisely close to the operator's hand.



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### Specification

<b>Accessories included</b>		Foot Switch Power Cord UPN-C Pipette Holder Hex Wrench Spare Heater Spare Lamp Silicone Rubber Gasket
<b>Movement range</b>	<b>Heater manipulator</b>	X14mm, Y14mm, Z14mm
	<b>Pipette manipulator</b>	X12mm, Z28mm
	<b>Microscope</b>	X approx. 7mm, Y30mm, Z approx. 8mm
<b>Magnifications</b>		50×/100× (Eyepiece 10×, Objective Lenses 5×, 10×)
<b>Glass capillary</b>		ø1mm
<b>Working voltage</b>		AC100V, 50/60Hz AC120V, 50/60Hz AC220V, 50/60Hz AC240V, 50/60Hz
<b>Power consumption</b>		Approx. 35W
<b>Dimensions/Weight</b>		W200 × D350 × H300mm, 6.1kg

\* This dedicated pipette holder is for the glass tube ø1mm. For a glass tube ø1.2mm / ø1.5mm, please contact your local NARISHIGE representative.

\* If the process of cutting the pipette with a spike or fire-polishing with a patch clamp, the MF-OP optional lens set is required for higher magnification.

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### Optional accessories

Model	Product	Description
MF-OP	Optional Lens	35× Objective Lens 15× Eyepiece with Micrometer 15× Eyepiece without Micrometer
MF-OPA	Optional Lens	35× Objective Lens
MF-OPB	Optional Lens	15× Eyepiece without Micrometer
MF-OPC	Optional Lens	15× Eyepiece with Micrometer

### Consumables

Model	Product	Description
PT-B	Platinum Wire Heater	150μm × 300mm
HI01PK01	Silicone Rubber Gasket	For 2.5mm (10pcs)
MF-900L3	Lamp	

Specifications are subject to change without notice.

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