



IM-9B

Microinjector

Incorporating a new mechanism to improve operability.

A new mechanism is incorporated which improves the parallelism of the plunger within the syringe and prevents the development of any play. Reducing fluctuations of the handle tension, which have many possible causes, makes control much smoother. The new mechanism and drive sections are built into the handle, while the handle itself is made larger: however, the overall design is smaller, and operability is improved, with a higher driving volume facilitating a greater control volume. The microinjector uses a glass luer-lock syringe. The specification of this model allows precise control of both injection and aspiration: we recommend its use on the injection side after it has been filled with oil.



* Besides our original syringes, $\phi 7\text{mm}-\phi 14\text{mm}$ commercially available syringes also mountable.

* Oil top-up kit IM-AS-2 (sold separately) is available for easy oil top-up and air bubble removal. Commercially available oil is required to fill up the oil.



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Specification

Accessories included	Injection Holder Set (<u>IM-H1</u>) O Ring (IMO2) Silicone Grease Silicone Rubber Gasket (HI01PK01) Hex Wrench Three-way Stop Cock Cleaning Rod
Movement range	Plunger 53mm Full rotation of knob 500μm
Control capacity	Full volumes 1,060μl Full rotation of knob approx. 10μl
Dimensions/Weight	W175 ~ 228 × D55 × H77mm, 650g
Tube length	1m

* IM-H1 is a pre-assembled set consisting of HI-7, CT-1 and CI-1.

Consumables

Model	Product	Description
HI01PK01	Silicone Rubber Gasket	For 2.5mm (10pcs)
IMO2	O Ring	3