

EG-401

Microgrinder

Includes of a microscope for observation of pipette contact at grinding plane

The microscope is mounted on this grinder, which uses a special motor to minimize irregular movements of the grinding plane: confirmation of contact between the pipette and the grinding plane enables grinding to be performed with greater precision. In addition, this model provides stable performance at all revolution speeds - from low for more precision to high for faster grinding. An easily operable coarse and fine movement coaxial manipulator is equipped for vertical operation of the micropipette, which also enables very precise grinding. A protractor is mounted on the pipette holder fixing section, making it easy to set the required grinding angle, and an adaptor is attached for vertical grinding. New water filling and drainage mechanisms are installed to prevent clogging or the accumulation of shavings, making the apparatus as a whole much easier to use.



Specification

Accessories included	Adaptor for Vertical Grinding Diamond Wheel Cleaner Dedicated Pipette Holder Hex Wrench Power Cord
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Movement range	Up-and-Down Manipulator: Approx. 47mm Microscope: X approx. 7mm, Y30mm, Z approx. 8mm
Magnifications	30× (Eyepiece 10×, Objective Lens 3×)
Glass capillary	ø1mm ~ ø1.5mm
Working voltage	AC100V ~ AC240V, 50/60Hz
Power consumption	10W
Motor speed	Approx. 150rpm ~ 2,000rpm (The diamond wheel may be stopped under 150rpm.)
Dimensions/Weight	W250 × D450 × H400mm, 6.6kg

Specifications are subject to change without notice.

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