

EG-402

Microgrinder



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

The robust 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. 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 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. 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 Dedicated Pipette Holder Hex Wrench Power Cord
Movement range	Up-and-Down Manipulator	Approx. 47mm
	Microscope	Y (Focus-Coarse) 30mm X (Swing-Fine control knob) approx. 5° Z (Tilt-Fine control knob) approx. 3°
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 ~ 2,100rpm (The diamond wheel may be stopped under 150rpm.)
Dimensions/Weight		W250 × D450 × H430mm, 6.4kg