

EG-44

Microgrinder

Minimizing irregular movements on the grinding plane for greater precision.

This grinder is ideal for grinding micropipette tips, thanks to its employment of a special motor which is designed to minimize irregular movements of the grinding plane. 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 microneedle, which also enables very precise grinding. A protractor is mounted on the needle 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.

Accessories	Dedicated Pipette Holder, Adaptor for Vertical Grinding, Diamond Wheel Cleaner, Power Supply Cable
Power source	AC100 (±5%), AC120 (±5%), AC220 (±5%), AC240(±5%)
Power consumption	Approx. 10W
Movement range	Slider movement approx. 47mm
Motor speed	Approx. 50-2,000rpm
Glass capillary	ø1mm — ø1.5mm
Dimensions /Weight	W185 X D165 X H310 mm, 2.4kg

