



Instrument Description

Sub Folder: Microscopy



Forcipol Grinder/Polisher Polisher

Principle:

All materials testing laboratories in the industry, research or educational field have a demand for sample preparation. The Forcipol Grinder/Polisher is used during sample preparation in order to ensure that samples are smooth and free from sharp edges that may cause distortion in the testing results.

The FORCIPOL Single wheel (FORCIPOL 102) Units has the capacity for Ø200, Ø250 and Ø300 mm wheels. The working wheel is powered by a high torque 1.0 HP electric motor with both clockwise and counterclockwise wheel rotation possibility.

The frequency converter allows smooth speed variation (50-600 rpm) of the grinding wheel with soft start and soft stop. This allows the setting of the optimum speed for each individual preparation process. Water inlet and flexible water outlets with control valves for wet grinding are present.

Current model:



Video: <https://www.youtube.com/watch?v=jqmLtjiCU0>

Typical samples:

Metallographic Samples for SEM and microscopy are prepared using the Grinder/Polisher.



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Standards:

Samples are prepared for testing in accordance with the relevant international standard or as per customer/research requirements.

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