

The FORCIPOL®200 and FORCIPOL®300 Series of grinding and polishing machines are the perfect choice for the small and medium sized laboratories

- Practical and economical solution to your metallographic sample preparation needs ...



## Table-Top Design

Corrosion resistant light-alloy base-casting

Stylish and functional glass re-inforced plastic housing

High Torque Motors

Easy and quiet operation

Constant or Variable Speed with digital display

Quickly exchangeable grinding and polishing wheels.

Easy automation by fitting GRIPOMAT® or FORCIMAT® Automatic sample movers

All materials testing laboratories in the industrial, research or educational field have a demand for sample preparation. Whether your requirements call for individual components or basic sample preparation, the FORCIPOL® family of instruments will meet your needs.

FORCIPOL® Series of instruments are available as Single Wheel and Dual Wheel Units. The drive elements are fixed on a heavy duty aluminium alloy casting. The wheels are mounted on ball bearings allowing the application of high pressures to prepare even large specimens. This also provides quiet and vibration free operation.

FORCIPOL® uses a powerful high torque motor which drives the wheel(s) via belt drive to ensure maintenance free operation.

FORCIPOL® grinders and polishers, both single or double wheel versions are available with fixed or infinitely variable rotating speeds with digital display. This allows the setting of the optimum speed for each individual preparation process. The modern electronics provide a smooth speed variation.

Water inlet and flexible water outlets with control valves for wet grinding and the capability of accepting either the GRIPOMAT® or the FORCIMAT® are standard features.

Motor on/off switch and water on/off valve(s) are mounted on the front panel. FORCIPOL® instruments can be used for grinding, lapping and polishing by quick and simple change of wheel. FORCIPOL® instruments can be fitted with the GRIPOMAT® or FORCIMAT® for automation. These attachments provide high rates of sample preparation and free the operator from the polishing procedures.

# FORCIPOL® Series

All specifications are subject to change without notice.



Digital display of variable speed enables the operator to set the desired speed required for each individual application and material.



FORCIPOL® 1V shown with FORCIMAT® automatic head and DISPOMAT® fluid dispenser.

## FORCIPOL® Specifications: (wheels, splash guards, paper & cloth rings and covers are extra)

Order No.	Models	No. of stations	Motor(s)	RPM	Wheel Diameter	Dimensions (mm)
36 00 10	FORCIPOL® 200-1	1	0.5 HP, 115 V., 60 Hz., 1 ph	300	200-250 mm	380 L x 690 P x 330 H
36 00 20	FORCIPOL® 200-1V	1	0.75 HP, 115 V., 60 Hz., 1 ph	50-600 Var.	200-250 mm	380 L x 690 P x 330 H
36 00 30	FORCIPOL® 200-2	2	0.5 HP, 115 V., 60 Hz., 1 ph	300	200-250 mm	710 L x 690 P x 330 H
36 00 40	FORCIPOL® 200-2V	2	0.75 HP, 115 V., 60 Hz., 1 ph	50-600 Var.	200-250 mm	710 L x 690 P x 330 H
36 00 50	FORCIPOL® 300-1V	1	0.75 HP, 115 V., 60 Hz., 1 ph	50-600 Var.	300 mm	460 L x 730 P x 330 H
40 00 00	GRIPOMAT®	Automatic accessory. Less sample holder.				
40 00 10	FORCIMAT®	Automatic accessory. Less sample holder.				

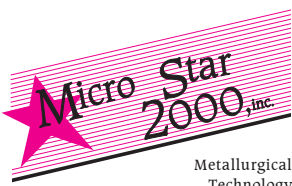
## FORCIPOL® Accessories

Order No.:	36 01 00	PVC Wheel, 200 mm (8")
	36 01 10	Aluminium Wheel, 200 mm (8")
	36 01 20	Paper Holding Ring, 200 mm (8")
	36 01 30	Cloth Holding Ring, 200 mm (8")
	36 01 40	Splash Guard, 200 mm (8")
	36 01 50	Wheel Cover, 200 mm (8")
	36 02 00	PVC Wheel, 250 mm (10")
	36 02 10	Aluminium Wheel, 250 mm (10")
	36 02 20	Paper Holding Rng, 250 mm (10")
	36 02 30	Cloth Holding Ring, 250 mm (10")
	36 02 40	Splash Guard, 250 mm (10")
	36 02 50	Wheel Cover, 250 mm (10")
	36 03 00	PVC Wheel, 300mm (12")

36 03 10	Aluminium Wheel, 300 mm (12")
36 03 20	Paper Holding Ring, 300 mm (12")
36 03 30	Cloth Holding Ring, 300 mm (12")
36 03 40	Splash Guard, 300 mm (12")
36 03 50	Wheel Cover, 300 mm (12")

## Specimen Holders for GRIPOMAT®

40 06 01	GRIPOMAT® Specimen Holder Ø 125 mm 3 specimens with Ø 40 mm
40 06 02	Set of Rings 30 mm
40 06 03	Set of Rings 25 mm or 1 inch
40 06 04	Set of Rings 1 1/4 inch
40 06 05	Set of Rings 1 1/2 inch



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