



TWIN WHEEL METALLOGRAPHIC GRINDER & POLISHER TORONPOL™ GP-2

Twin Wheel Metallographic Grinder & Polisher ToronPol™ GP-2 is a versatile grinder and polisher designed for the precise preparation of metallographic specimens. Its robust, adjustable-speed drive supports a full range of preparation steps, ensuring quality results across all stages.

APPLICATIONS

The ToronPol™ GP-2 is engineered to increase the efficiency and throughput of metallographic specimen preparation. Its twin-wheel design allows for multiple grinding and polishing stages to be set up simultaneously, streamlining the workflow required to achieve a mirror-polished, deformation-free surface. This critical preparation is the foundation for any accurate microstructural analysis, revealing a material's true internal structure for evaluation.

This high-efficiency preparation system is ideal for demanding environments in:

- **High-Volume Quality Control:** In sectors like automotive, aerospace, and electronics manufacturing, where the ability to rapidly process a large number of samples for routine inspection is critical to maintaining production schedules.
- **Commercial Testing Laboratories:** To maximize productivity and client turnaround time by allowing multiple operators to work simultaneously or by dedicating wheels to specific, consecutive grinding and polishing steps.
- **Process & Weld Engineering:** For optimizing welding parameters and heat treatment processes by enabling the efficient, side-by-side preparation and comparison of multiple test coupons.
- **Research & Development:** To accelerate materials research by allowing for the parallel preparation of different alloys or materials, ensuring consistency and speeding up the experimental workflow.

FEATURES

- Easy-to-use grinding and polishing functionality

- Variable speed control with three preset quick-access speed buttons
- Reversible rotation with CCW and CW direction control
- Water hose with adjustable direction, extendable for basin cleaning
- Plastic, disposable bowl liner for hassle-free maintenance
- Sturdy, hard-anodized aluminum working wheel
- Durable, rust-resistant composite construction
- Powder-coated aluminum housing for long-lasting reliability

TECHNICAL SPECIFICATIONS

Model	ToronPol GP-2
Wheel (mm)	? Ø203 ? Ø254
Speed (rpm)	100–1000
Motor	550W
Power	110/220V
Accessories	
Paper Ring	?
Splash Guard	?
Cover	?
Grinding Paper	?
Polishing Cloth	?

Model	ToronPol GP-2
Diamond Spray	?
Diamond Slurry	?
Alumina Powder	?
Recirculating Tank	?
? Standard ? Option	



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