



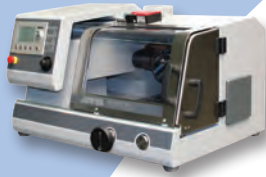
## SystemAutomat

Generate greater sample throughput and reduce labor costs by preparing samples automatically with the latest innovation from ATM GmbH. The SystemAutomat achieves excellent reproducibility in the most economical way, even with moderate numbers of samples. Fully automating your grinding and polishing process is surprisingly affordable with the SystemAutomat.

Brillant 210



Brillant 220



Brillant 200



Brillant 230 / 250



Brillant 255 / 265



Brillant 275



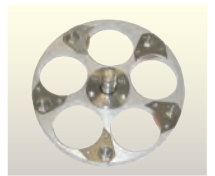
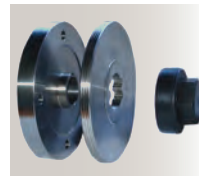
Brillant 285 / 2000



## Mager Scientific

Located in Dexter, Michigan, Mager Scientific has provided sample preparation products for the Materials Science and Metallurgical fields since 1961. Widely recognized in the Midwest as a distributor of Nikon microscopes and Leica ultramicrotomy products, Mager is proud to bring ATM equipment to the United States. Continuing the Mager tradition of personal customer service, our outstanding technical sales representatives can provide your laboratory with supplies and equipment of uncompromising quality.

# OVERVIEW



## ATM GmbH

ATM GmbH of Altenkirchen, Germany has manufactured metallographic equipment since 1980. More recently, products have been offered under their trademark, and today ATM is one of the most highly acclaimed lines in the European market. ATM products are successfully represented worldwide in 30 countries. Innovation, quality and flexibility are the principles that drive ATM to establish new standards in the field of metallographic instrumentation.

## Cutting

ATM's expansive line of cut off machines ranges from precision micro sectioning to a 32" laboratory grade cutter. Machine housings are constructed of marine grade aluminum plate for long-term durability. The multiple cutting modes of the Brillant series are variable and controlled to produce efficient, low contact, metallurgical grade cuts. ATM's exclusive EasyNut tightly locks on the arbor shaft, yet can be easily removed for fast wheel changes. Many clamping devices and reasonably priced custom clamping solutions are available.



Opal 410



Opal 460 / 480



Jade 700  
Belt Grinder



Saphir 360



Saphir 520



Saphir 560

## Mounting

As a result of ATM's 30 years of experience building high pressure hydraulic systems, the Opal electro-hydraulic mounting presses are sturdy and reliable by design. Mold configurations are easily interchanged and produce round mounts of nearly 3" in diameter and two unique rectangular mounts. Upper and lower rams are interchangeable and combined with an intermediate ram, double mounts can be produced.

## Grinding and Polishing

The family of ATM grinding and polishing machines are suitable for disc sizes 200 to 300 mm in diameter. Including a polishing head creates a semi-automatic process with excellent reproducibility. Saphir sample preparation systems can provide both individual and central pressure and automatic abrasive dosing. A portfolio of specimen holders includes the innovative, fast clamping EasySpan.



Stone Grinder



Saphir SystemLab  
Polishing Station



## SystemLab

ATM has a complete concept for the metallographic laboratory.

Base cabinets and counters provide ample work space and room for table top sample preparation equipment. Choose the door and drawer combinations best suited for your lab. Necessities like recirculation systems for cut off machines and sedimentation tanks for grinders and polishers are designed to slide neatly into the base cabinets. A media rail houses cords and connections, completing the sleek, finished look.

Integrate your equipment into the same, attractive furniture modules. The Stone Grinder, standard grinder/polisher stations, polishing heads, mounting presses and sinks can all be built into the cabinets. Electronic and control components are mounted in drawer units for easy access. With ATM's modular concept, you can design your stations in practically any configuration.

Your lab. Your way. SystemLab.

