

# Kemet

## Why Choose Kemet Flat Lapping Systems?

Kemet Flat Lapping and Polishing Systems offer the most efficient and reliable method of producing precision flat polished surfaces. Our flat lapping and polishing machines, and systems, are at the forefront of today's advanced lapping technology, especially when used with Kemet Diamond products.

Kemet Diamond quality and grading enables reliable precision lapping to be performed in production situations. Each Kemet Diamond product is a special blend of diamond powder with a specific grading and concentration in a chemical carrier to give optimum stock removal and surface finish, ease of cleaning, temperature resistance and lubricity to prevent drying out.

Kemet Diamond lapping generates less waste and is considered more environmentally friendly than conventional lapping methods.



## Industries and Applications

### Aerospace

Pumps & Valves  
Turbine Parts  
Engine Assemblies  
Spacers

### Medical Devices

Fibre Scopes  
Surgical Instruments  
Hip and Knee Joints  
Pacemaker Parts

### Tool and Die

Moulds and Inserts  
Printing Plates  
Slitter Knives  
Extrusion Dies

### Pumps & Valves

Fuel Pumps  
Hydraulic Pumps  
Mechanical Seals  
Gate Valves

### Data Storage

Disc Drive Heads  
Tape Heads  
CD Moulds  
Laminations

### Automotive

Diesel Injectors  
Airbag Initiators  
Piston Rings  
Fuel Pumps

### Technical Ceramics

Alumina - Zirconia  
Silicon Carbide  
Piezo Ceramics  
Ferrite

### Electro Optics

Plano Optics  
Laser Rods and Prisms  
Fibre Optics  
Sensors

