

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



Benefits of Kemet's Advanced Flat Lapping Technology

- Significant reduction in lapping costs
- Cleaner environment conditions
- Reduced inspection requirements
- One operation surface finish
- Semi skilled operation
- Faster material removal
- Faster polishing process
- Pre set parameters
- Reduced rejections
- Optimum flatness and surface finish
- Easier product cleaning
- Better utilisation of machine time

