

ENGIS[®] MICROTECH DOUBLE SIDED LAPPING MACHINE

This unique system is a versatile R&D and prototype/small volume double sided lapping tool perfect for generating flat and parallel surfaces on semiconductor, compound semiconductor and advanced materials. It is especially suited for silicon carbide, ceramic and sapphire wafers to achieve a double sided lap or polish.

It can be used in conjunction with Engis Microtech CMP-D slurries and Engis composite plates or conventional slurries. The design of the machine incorporates specific control of lapping pressures, platen speeds and carrier direction to enhance stock removal or polishing parameters.

When lot sizes are too small for the Engis Microtech EKDA series double sided machines, the EJD-5B-2W bridges the equipment gap. Processing your substrates with this tool enables you to avoid modifications to existing production equipment that are both time consuming and risky. It is priced very competitively for both university and commercial applications. When multiple machines are employed, rough lapping, fine lapping and polishing steps can be configured to dedicate fixed processing.



ADVANCED MATERIALS PRODUCTS

FOR ADDITIONAL INFORMATION CONTACT THE ENGIS MICROTECH TEAM AT

WWW.ENGISCA.COM

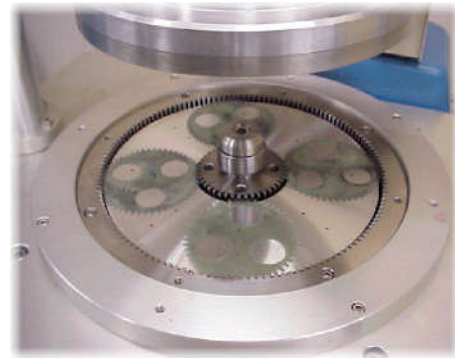


MACHINE SPECIFICATIONS

MODEL	EJD-5B-2W
PLATE SIZE (OD x ID)	294 x 100 x 30 MM
MAX WORK PIECE	Ø 80MM
CARRIER DIAMETER PCD	Ø 105.8MM
NUMBER OF CARRIERS	MAX 5
LOWER PLATE SPEED	MAX 110 RPM
UPPER PLATE SPEED	MAX 100 RPM
LOWER PLATE MOTOR	400W
UPPER PLATE MOTOR	200W
DIMENSIONS	700MM (W) x 780MM (D) x 1100MM (H)
WEIGHT	100KG NET
POWER	200-230V SINGLE PHASE
CDA	4 KGF/CM ² (50PSI)

OPTIONS

- LOADING TABLE
- CENTRIFUGAL SEPARATOR
- AUTO FEEDING TYPE WITH PAPER FILTER
- CHILLER FOR COOLANT TANK



ENGIS IS ABLE TO DELIVER A COMPLETE SYSTEM TO FIT EACH CUSTOMER'S UNIQUE REQUIREMENTS AND OPTIMIZE THE MOST DEMANDING APPLICATIONS

- HYPREZ COMPOSITE LAP PLATES
- POLISHING PADS/CLOTHS
- DIAMOND AND COLLOIDAL LAPPING & POLISHING SLURRIES
- WAFER MOUNTING EQUIPMENT
- LUBRICANTS & CLEANERS
- CONDITIONING RINGS

DSBTLM 5B 2W-001-0706



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