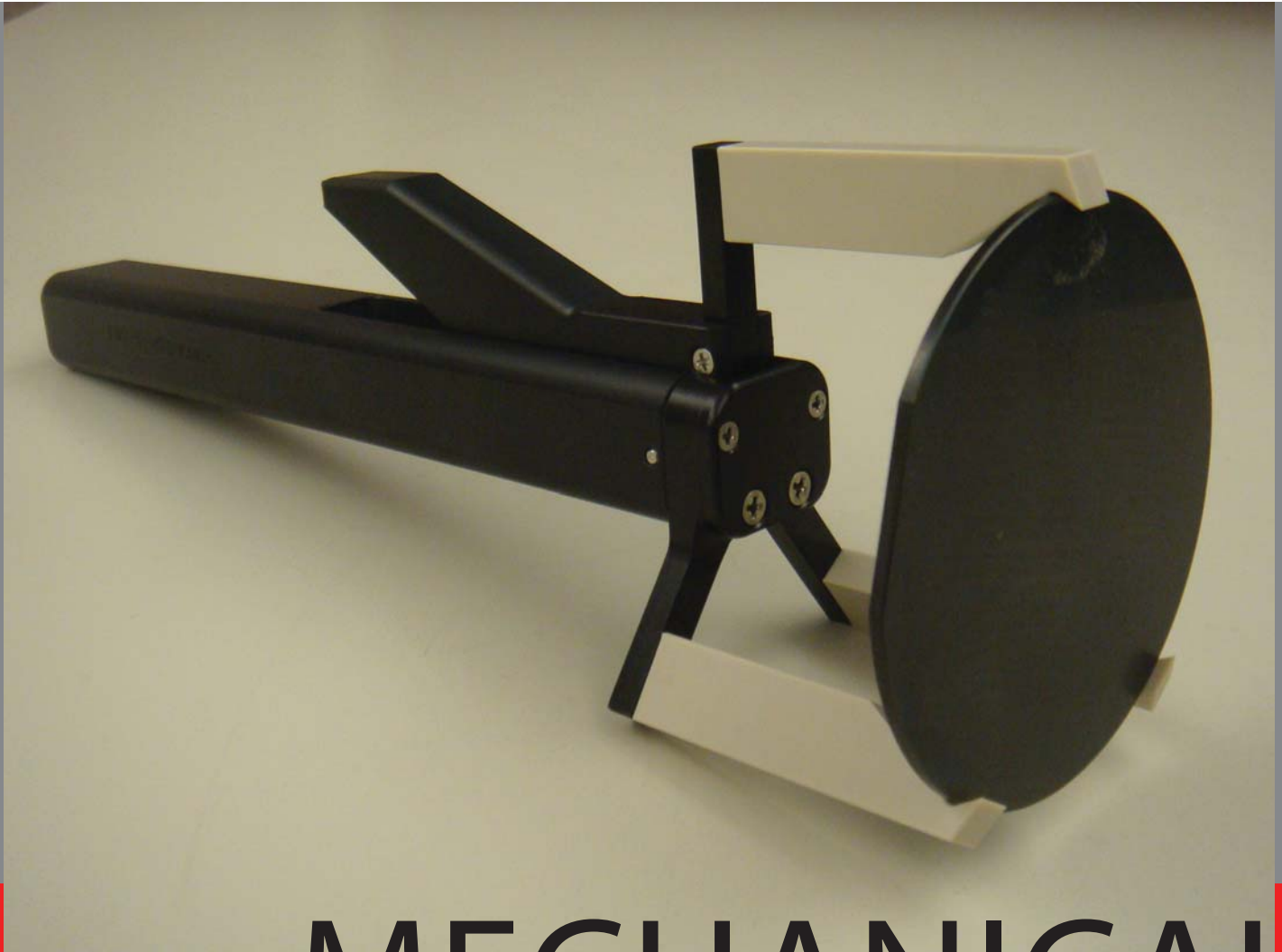




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MECHANICAL PICKS

Mechanical Wafer Handling Picks

Wafer Handling Tools for the Semiconductor Industry

ODP 3 point

3 Gripper Outside Diameter Pick

THE ODP TOOL IS A FULLY MECHANICAL TOOL, WHICH PROVIDES TANGENTIAL EDGE ONLY HANDLING OF SUBSTRATES USING V-GROOVE PROFILE GRIPPERS AROUND THE CIRCUMFERENCE OF THE WAFER. THE 3 POINT GRIPPER VERSION IS WELL SUITED FOR CHEMICAL BATH PROCESSING, CLEANING STATIONS, HOT PLATE APPLICATIONS AND FOR WAFER RESCUE FROM A TOOL. GRIPPERS ARE MADE OF CHEMICAL RESISTANT MATERIALS - PTFE TEFLON, NATURAL PEEK, ESD SAFE PEEK AND NATURAL POLYPROPYLENE DEPENDING ON ORDERING PART NUMBER. THE TRIGGER CAN BE ADJUSTED FOR STANDARD OR THIN WAFER HANDLING APPLICATIONS.



MCP2

Mechanical Wafer Edge Clamp Pick

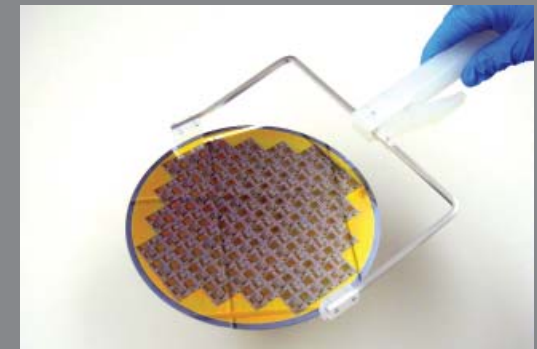
THE MCP2 IS A NORMALLY CLOSED, OUTSIDE DIAMETER WAFER EDGE HANDLING TOOL. THE GRIPPER WILL TOUCH ONLY 3MM ON THE FRONTSIDE OF THE WAFER. THE MCP2 IS MADE FROM ANTISTATIC, CHEMICAL RESISTANT ESD SAFE POLYPROPYLENE AND HAS A HIGH TEMPERATURE, CHEMICAL RESISTANT PERFLUOROELASTOMER TOUCH STRIP BUILT INTO THE DESIGN OF THE TOOL. THIS SPECIAL TOUCHPAD HELPS TO REDUCE SCRATCHES AND EDGE CHIPPING COMMON WITH STANDARD TWEEZERS USE. ALL MCP2 DESIGNS ARE AVAILABLE WITH OR WITHOUT A KNIFE EDGE SPATULA FEATURE FOR LIFTING WAFERS OFF OF A FLAT SURFACE.



ODP MPS Grip

2-Gripper Side Outside Diameter Pick

THE ODP TOOL IS A FULLY MECHANICAL TOOL, WHICH PROVIDES TANGENTIAL EDGE ONLY HANDLING OF SUBSTRATES USING V-GROOVE PROFILE GRIPPERS AROUND THE CIRCUMFERENCE OF THE WAFER. THE 2-POINT MPS GRIPPER VERSION IS DESIGNED FOR APPLICATIONS WHERE A HORIZONTAL OFFSET/ANGLE SIDE GRIPPER ORIENTATION IS PREFERRED. THE DESIGN IS WELL SUITED FOR CHEMICAL BATH PROCESSING, CLEANING STATIONS, HOT PLATE APPLICATIONS AND FOR WAFER RESCUE FROM A TOOL. GRIPPERS ARE MADE OF CHEMICAL RESISTANT MATERIALS - PTFE TEFLON, NATURAL PEEK, ESD SAFE PEEK AND NATURAL POLYPROPYLENE DEPENDING ON ORDERING PART NUMBER.



ODP MPH Grip

2-Gripper Across Outside Diameter Pick

THE ODP TOOL IS A FULLY MECHANICAL TOOL, WHICH PROVIDES TANGENTIAL EDGE ONLY HANDLING OF SUBSTRATES USING V-GROOVE PROFILE GRIPPERS AROUND THE CIRCUMFERENCE OF THE WAFER. THE 2-POINT MPH GRIPPER VERSION IS DESIGNED FOR APPLICATIONS WHERE A HORIZONTAL OFFSET/ANGLE ACROSS THE WAFER ORIENTATION IS PREFERRED. THE DESIGN IS WELL SUITED FOR CHEMICAL BATH PROCESSING, CLEANING STATIONS, HOT PLATE APPLICATIONS AND FOR WAFER RESCUE FROM A TOOL. GRIPPERS ARE MADE OF CHEMICAL RESISTANT MATERIALS - PTFE TEFLON, NATURAL PEEK, ESD SAFE PEEK AND NATURAL POLYPROPYLENE DEPENDING ON ORDERING PART NUMBER.

