



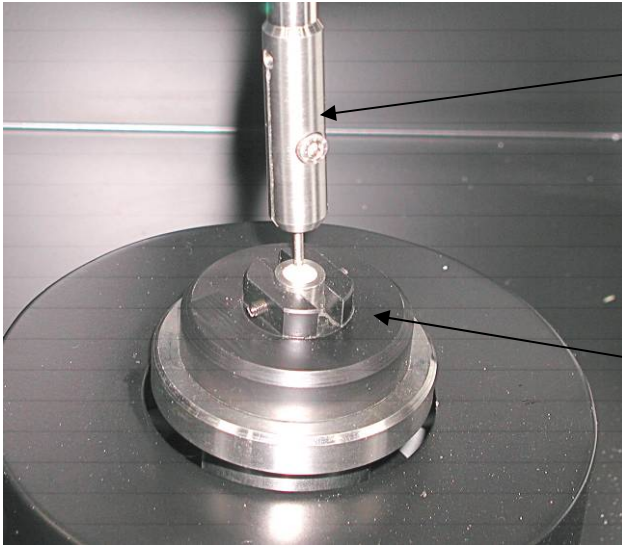
LAPMASTER SPHERICAL LAPPING-POLISHING SYSTEM



SYSTEM SPECIFICATIONS

Lapmaster Model #	MA-054SLP
Work Stations	1
Dimension Capability	0.15" – 4.00" diameter
Std. Variable Speed Drive Motors	3
Standard X-Axis Drive	20-60 strokes/minute
Standard Y-Axis Drive	20-60 strokes/minute
Standard Plate Drive	15-85 RPM CW/CCW
Optional Upper Tool Drive	65-355 RPM/CCW only
Variable Speed Drives	IMO-VXR inverters
System HMI	Mitsubishi touch-screen
System Programmable Control	Mitsubishi PLC
System Control Type	Oakmount Menu-Driven
Integrated Lube/Slurry Control	Both duration and interval
PLC Integrated Lube/Slurry Control	Programmable
Cycle/Process Time	Programmable
Complete Process Over-Ride	Yes
All Multi-Axis Variable Speeds	Programmable
X & Y-Axis Stroke Length	Manually set
Administrative Access Controls	Yes
Standard Program Capability	20 different components
General Machine Safety System	"CE" marked & compliant
Plastic Safety/Contamination Shield	Yes, with interlocks
Electrical Safety	UL electrical components
Electrical Service	220-240V, single-phase
Air/Gas Pressure	50-85 psi compressed air/gas
Dimensions	86" tall, 38" wide, 36" deep
Weight	Approx. 885 lbs.
Shipping Weight	Approx. 1,035 lbs.

SELECTED OPERATIONS PHOTOS

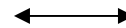


**Optional
Tool Drive**

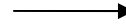
**0.157" Diameter Male Felt
Bob Polishing a Metal Cup**

**Standard
Plate Drive**

Plate Drive Directions



Optional Tool Drive Direction

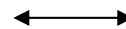


**X-Axis
Directions**



Part Processing Area

Y-Axis Directions



SELECTED CONTROL PANEL PHOTOS



Operator's Control Panel

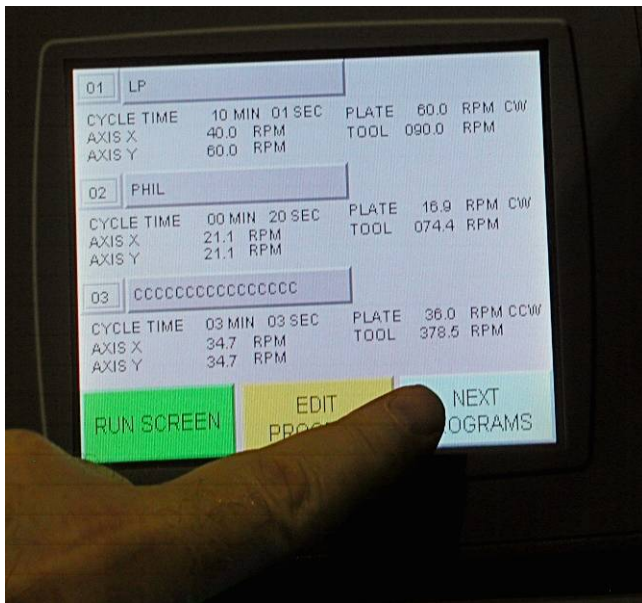


**Manual Process Screen
(also called 'maintenance screen')**

SELECTED PROGRAM CONTROL PHOTOS



Editing a Program



Selecting a Program