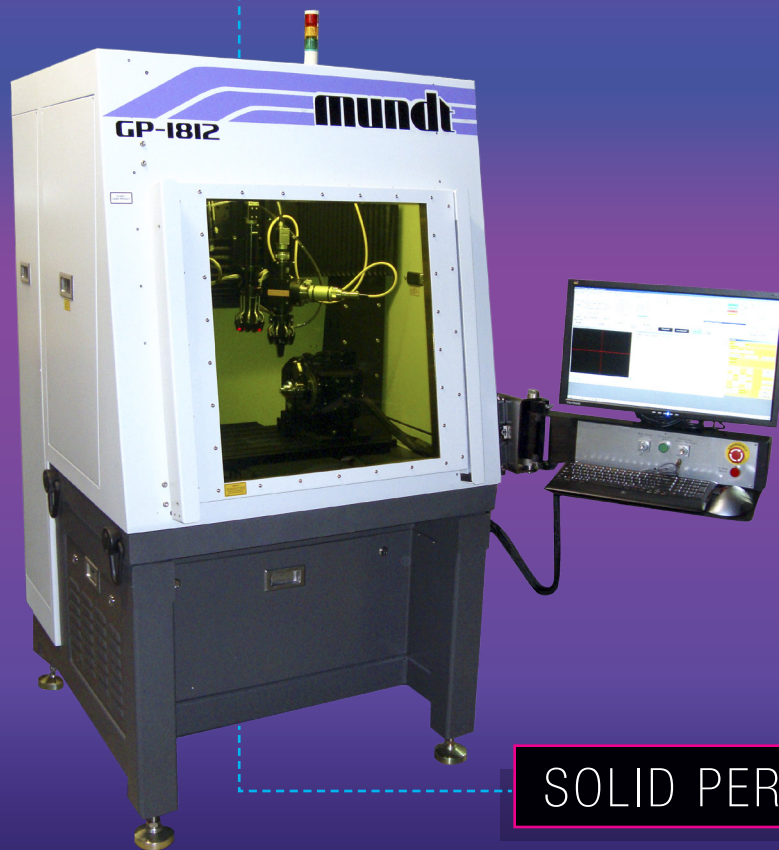




OEM Manufacturer of Laser Workstations

● **GP-1812 Laser Workstation**



SOLID PERFORMANCE ●



GP-1812
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GP-1812 Laser Workstation

Travel X axis	18"
Travel Y axis	12"
Travel Z axis	8"

Travel Tilt Axis (Optional)	135°
Travel Rotary Axis (Optional)	Continuous

Maximum Speed X axis	8"/sec
Maximum Speed Y axis	8"/sec
Maximum Speed Z axis	5"/sec

Maximum Speed X axis (Optional Linear motor)	20"/sec
Maximum Speed Y axis (Optional Linear motor)	20"/sec
Maximum Speed Tilt axis (Optional)	120°/sec
Maximum Speed Rotary axis (Optional Gear drive)	120°/sec
Maximum Speed Rotary axis (Optional direct drive)	100 RPM

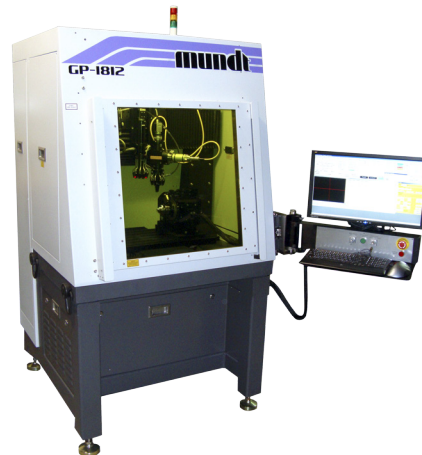
Accuracy X Axis	+/- .0005"/ft
Accuracy Y Axis	+/- .0005"/ft
Accuracy Z Axis	+/- .0005"/ft

Accuracy X Axis (Optional Linear motor)	+/- 5 µm/m
Accuracy Y Axis (Optional Linear motor)	+/- 5 µm/m
Accuracy Z Axis (Optional Linear scale)	+/- 5 µm/m
Accuracy Tilt Axis (Optional)	200 arc-sec
Accuracy Rotary Axis (Optional Gear Drive)	200 arc-sec
Accuracy Rotary Axis (Optional Direct Drive)	+/-10 arc-sec

Positioning Resolution X axis	.000016"
Positioning Resolution Y axis	.000016"
Positioning Resolution Z axis	.000016"

Positioning Resolution X Axis (Optional Linear motor)	250 nm
Positioning Resolution Y Axis (Optional Linear motor)	250 nm
Positioning Resolution Z Axis (Optional Linear Scale)	250 nm
Positioning Resolution Tilt (Optional)	3.2 arc-sec
Positioning Resolution Rotary (Optional Gear Drive)	3.2 arc-sec
Positioning Resolution Rotary (Optional Direct Drive)	1.8 arc-sec

Brushless Servo Motor control	X, Y and Z
Heavy duty roller ways	X, Y and Z
Machine Base	3" Ground Steel
Machine Supports	4" Steel Tubing
Optional Axes	Up to 12 axes



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