

GRAPHIX

CLASS 1 PULSED FIBER MARKING LASER

COMPACT Turnkey all-in-one workstation

FLEXIBLE Multiple marking head positions (X/Y)

INTELLIGENT 4-axis capability

USER FRIENDLY Easy-to-use software

THE GRAPHIX LASER WORKSTATION INCLUDES:

- Electric Z-axis with 300mm (11.8") of programmable travel
- Marking controller (laser source + PC)
- Marking head
- Interior lighting (LED)
- Two-position manual door with interlock and viewing window
- Graphix Pro Software
 - Alphanumeric characters
 - Logos, drawings, graphics and geometric shapes
 - Integrated Windows™ font library
 - Linear barcodes, Data Matrix codes and QR codes
 - Linear, angular and radial text

OPTIONS:

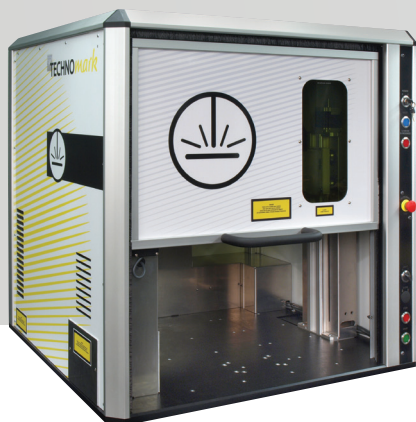
- Rotary axis
- Fume extractor system
- Monitor / keyboard / mouse
- Monitor support
- Side access door for longer parts

**3D
MARK**

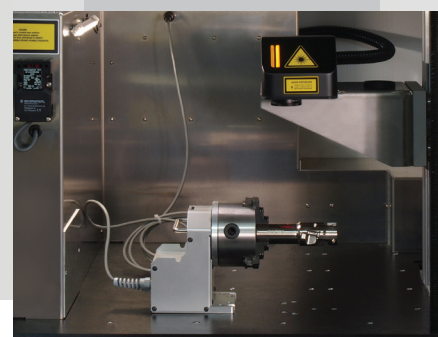
An electric Z-axis provides **300mm (11.8")** of adjustable vertical positioning. Ideal for complex parts with multiple marking locations.



An optional rotary axis allows for easy marking around diameters.



Two-position door allows for easy loading/unloading parts.



GRAPHIX SPECIFICATIONS:

Parameter	Graphix 10	Graphix 20
Nominal Power	> 10 W	> 20 W
Pulse Energy (Max.)	0.5 mJ	1.0 mJ
Peak Power (Max.)	5 kW	10 kW
Modulation	20 to 100 kHz	
Laser Source	Pulsed fiber laser	
Pulse Width	100 ns	
Wavelength	1050 to 1080 nm	
Cooling	Air cooling	
Aiming & Focus Beam	Semiconductor laser, 630 to 670 nm	
Lens Configuration	F-Theta: 160S Marking Area: 100 x 100 mm Working Distance: 184mm	