



Testra Corporation

Accelerator-PS Upgrade Kit for ULS PS Series Laser Engravers Specifications

Jan 2009



Accelerator-PS

Upgrade Kit for ULS PS Series Laser Engravers

From the original developer and manufacturer of the controls comes a direct replacement kit for Universal Laser Systems PS series control electronics including the Power Supply, CPU and Panel. This system is easily maintainable and comes with a one year warranty from time of installation. It will accelerate your job performance with faster motion at a 2x top speed of 50ips and continuous path motion on vectors. Use your old printer driver or upgrade to our new and improved **TestraPlot** for Windows VISTA/XP/2000 32 or 64 bit.

HARDWARE

- ◆ 100% Compatible replacement of all PS series control electronics.
- ◆ 1 year warranty
- ◆ Drop in replacement. No mechanical modification uses current mounting fasteners. Includes all necessary cable adaptors, brackets and fasteners.
- ◆ New but familiar Operator Control Panel with an added adjustment knob that may be used in place of the UP and DN arrow keys.
- ◆ Compatible with all replacement Laser Tubes including the new Fiber Lasers. Anything you can mount, we can control.
- ◆ 2x increase in top speed. 50ips X. 25ips Y.
- ◆ Raster at up to 50 ips
- ◆ Vectors at up to 25 ips
- ◆ Continuous path motion on vectors.
- ◆ Fast smooth circles
- ◆ Advanced Buffer management. There is no limit on file size for a job.
- ◆ Standard 32 Mbyte buffer memory
- ◆ Serial interface only. Supports RS232 com port or USB adaptor which is supplied with the Kit.

SOFTWARE / FIRMWARE

- 100% Compatible with existing ULS printer drivers. We wrote their original printer driver.
- For improved performance and new features use our TestraPlot for Windows VISTA/XP/2000 32/64 bit.



SynchroStepping * All of our motion systems and drivers utilize a method that synchronously, microstep, sample and correct the current on multiple motor windings at a 20-50 kHz rate resulting in stable, quiet, smooth control of a stepper motor. US Patent # 5,650,705

Testra Corporation 1201 N Stadem Drive Tempe Arizona 85281 www.testra.com

Sales Phone 480-560-6141 Fax 480-907-2876 E-Mail sales@testra.com Factory 480-966-8428

Motion Control Systems - Motor Drivers - Lasers - Plasma Cut - Routers - Mills - Engravers - CNC Control - CAD/CAM