

HIGHLIGHTS

SMALLER,
MORE
COMPACT SIZE

FASTER
POSITIONING

HIGHER
ACCURACY

SIMPLE
OPERATION

FASTER
PROJECTION

STANDALONE OR
WITH LASER CMM

SINGLE- OR
MULTI-HEAD
SYSTEMS

INTERFACE
FOR ALL
COMMON CAD
SYSTEMS

OPTIONAL:
CALIBRATION
WITHOUT
TARGETS

ProDirector XS2

ProDirector XS2 - The mini with maximum Power shows directions:



SL-Laser Systems makes time-consuming and inaccurate hand measuring and templating a thing of the past. Gone are the bulky manual templates and cumbersome mylars, replaced with a laser-crisp pattern of bright green light. Switching from manual measurement methods to SL-Laser template projection improves accuracy and can increase production by as much as 100%!

Laser projection data can be generated in most common CAD software packages or captured with the SL-Laser Coordinate Measurement Machine. The sequence of the projected images is queued to the production process and advanced by the operator with an easy to use remote control.

When size matters, the mini **ProDirector XS2** gives the same full-featured performance as the standard-sized **ProDirector 6** projector, but in a 75% smaller package. The **ProDirector XS2** is ideally suited for confined space applications like wiring harness layout in helicopter cockpits where a larger projector's size would be space prohibitive.

SL-Laser projectors have a vast array of mounting and fixturing options including sturdy, telescoping tripods for maximum flexibility and portability. Optional targetless calibration further extends the **ProDirector XS2's** versatility by simplifying the setup required for prototyping and short production runs. Multiple projectors can be linked for accurately projecting large workpieces like fuselages and wing assemblies or smaller, complex contours such as composite helmets and fairings.

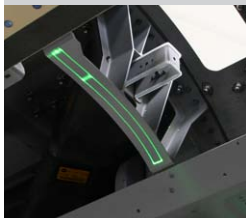
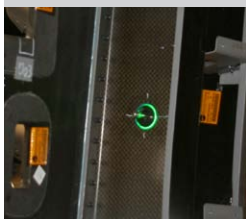
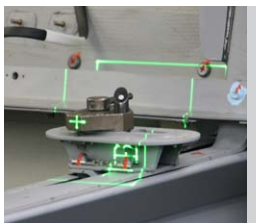
Seamless integration with the entire suite of SL-Laser products gives you the power to move from CMM point collection to a quality controlled laser-guided ply layout to a visual record of the entire process - all with the powerful and comprehensive SL3D software package.



SYSTEM SPECIFICATIONS:

| | |
|---------------------|---|
| Position Accuracy | ± 0.014" (0.35mm) at a distance of 15' over 17' x 17' (4.5m x 4.5m) area (equals to a 60° projection) |
| Field of View (FOV) | Horizontal: max. 82° (60° recommended) Vertical: max. 74° (60° rec.) |
| Laser | 5 mW maximum power, 0.9 mW "eye safe"-mode Red: 625 - 640 nm laser diode; Green: 532 nm diode-pumped solid state laser |
| Laserclass | North America: Class IIIa per 21CFR 1040 (CDRH) International: Class 2M per IEC/EN 60825-1:2007, CE certification |
| Power Requirement | 80-240 VAC 50/60 Hz |
| Dimensions | Length: 336 mm/13.23", Width: 117mm/4.61", Height: 180 mm/7.09" |
| Weight | 6,5 kg |

SL-LASER ProDirector XS2



FROM THE PIONEERS OF LASER PROJECTION:

New, advanced reengineering tools allow faster conversion of existing lay-up designs to computer controlled ply-projection.

Since 1988, SL-Laser has provided laser projection solutions for more than five thousand installations worldwide in a vast array of industrial segments.

As pioneers of precision industrial laser projection, SL-Laser is the prominent supplier of turn-key solutions for many leading aerospace manufacturers.

The success of SL-Laser is the result of a practical, inventive spirit and a clear vision for providing cost-conscious solutions.

Projection systems from SL-Laser enable its customers to reduce setup times, simplify production, eliminate costly rework, and optimize quality.

SL-Laser's easy to operate systems integrate into your production environment to ensure a safe work flow and a fast return on investment.

SL-Laser professionals can help you to get the job done.

Our contribution to your success story.

Customer Support

- One-year standard warranty
- On-site system installation, commissioning and training
- Remote-service

Accessories and Options

- Wireless remote
- Swivel support bracket • Stands
- Tailored fixtures, arms and steel constructions
- Trolley-systems • Wireless data-transmission
- Barcode reader • Calibration plate
- Extended warranty

Experience & Innovation - *Our contribution to your success story*

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