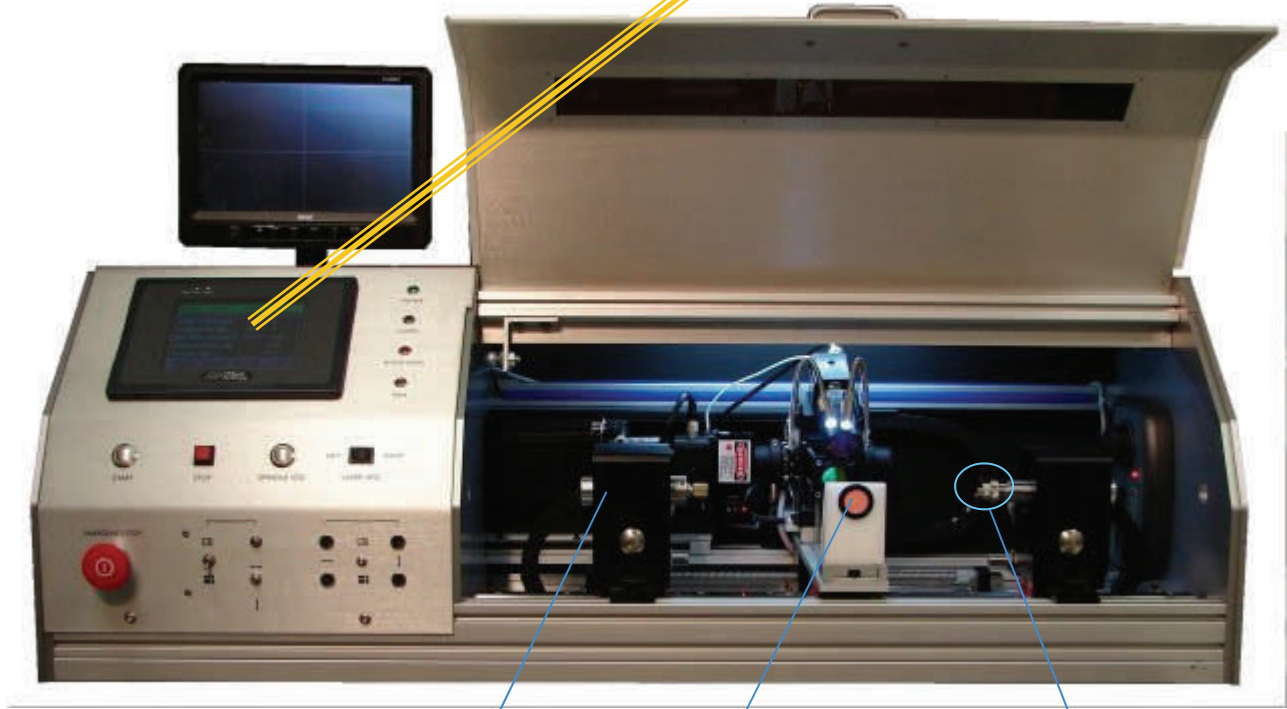
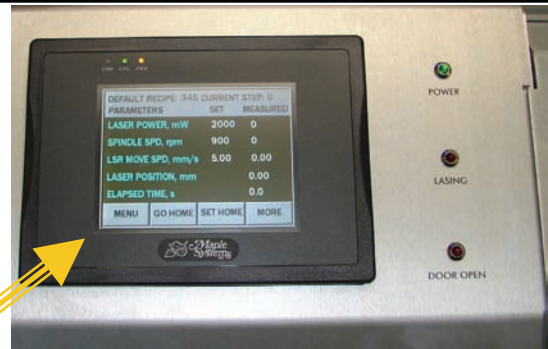




Pioneers in catheter laser bonder development since 2002

LBS4100 CATHETER LASER BONDER

EVERYTHING YOU NEED TO START CATHETER LASER BONDING AND IT COSTS ONLY A FRACTION OF WHAT OUR COMPETITOR ASKS.



With a spacious work chamber, loading/unloading samples has never been easier

Dual direct drive spindles can be anchored anywhere along the rail

With the help of an alignment disc, laser aiming adjustment is easy

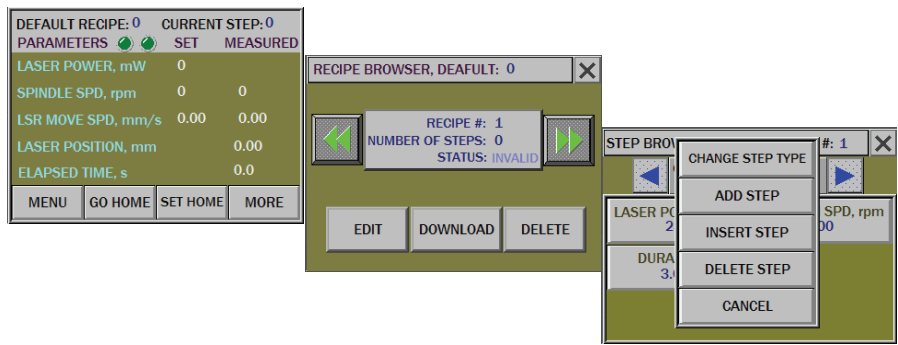
Your support mandrel is never going to get caught between the jaws of the gapless micro chuck



A laser safe viewing window watch the bonding process in addition to the viewing camera/monitor

User Interface:

Equipped with a clear, state of the art touch-screen controller, programming the LBS 4000 is now easier than ever.*



* These screens are highly dynamic. They work similar to a Microsoft window program

Process & Operational Features

- 10W CO2 laser with red diode pointer
- Stackable lens system allowing precise spot size change
- Micro chuck rotates precisely to 0.002"
- 6" or larger touch screen programmable controller
- Process monitoring system with CCD camera
- Optional crosshair generator
- Optional recipe selection with barcode scanner
- Optional powered chuck open/close fixture
- Plug and play
- No training required

Programming Features

- Proprietary serial multi-step bonding algorithm
- Allows 9 steps in a bonding recipe
- Allows 10 parameters in each step
- Create partial circular bond and pattern bond
- Three types of steps: Static, Dynamic, Manual
- Specify absolute laser power in milliwatts
- Up to 500 bonding recipes can be stored in the touch screen HMI
- Data acquisition to PC
- Backup recipe to USB drive and restore
- Optional WinRecipeEditor
- Optional Advanced data acquisition

Want more features and better performance? Check our LBS4200 Models

Do not forget to check our chuck options and accessories

Want more?
Check our customization programs

We're Here to help

New to laser bonding? No problem. We provide training and process development. We also offer bonding services for small quantities

Shrink Tubing

Shrink tubing is an essential component in laser bonding, and we provide shrink tubing in various sizes.

Some Samples†:

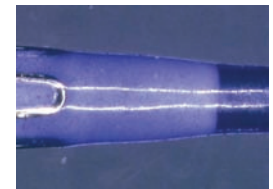
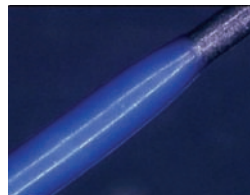


Soft Tip Attachment



PU Balloon Bond

Taper Formation



Stent Wrapping and Tip Bonding

† These represent only part of the capabilities of our laser bonder

INNOVA DESIGN, INC.

10340 Camino Santa Fe, Suite C
San Diego, CA 92121
USA

Phone: (858)535-9389
Fax: (858)675-9420
E-mail: info@innovadesigninc.com

