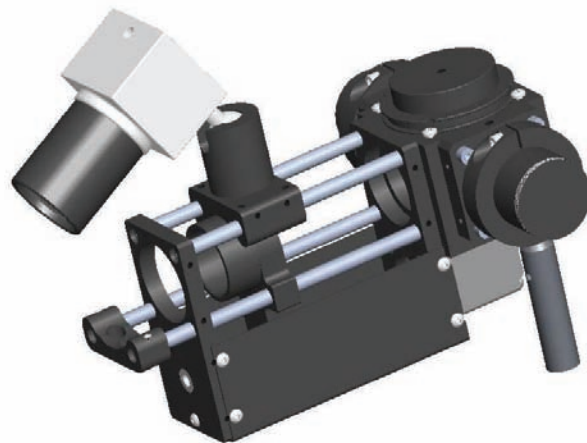




Pioneers in catheter laser bonder development since 2002

LBS4300 CATHETER LASER BONDER

MAXIMIZE EFFICIENCY WITH MOTOR-
IZED FOCUS LENS AND SEGMENTED
SAMPLE CHUCK

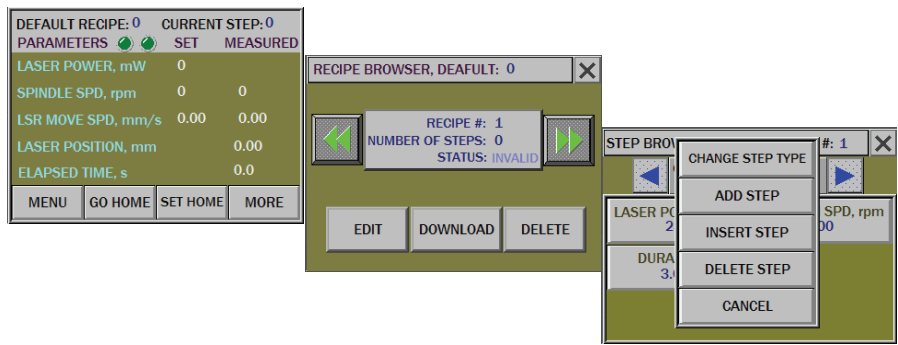


Segmented sample chucks have a 0-1/4" opening. The large bore allows the samples to be dropped in with ease. Foot switch open, spring close. NO NEED TO CALIBRATE THE CHUCK SIZE

Motorized beam delivery system allowing spot size to be programmed in every step of a bonding recipe

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

- Closed loop laser provides power stability within 2%
- Real time laser power display
- Electronic shutter to eliminate power surge during code start
- Motorized focus lens allowing programmable beam spot size change
- Micro chuck rotates precisely to 0.002"
- Calibration free segmented sample shuck with 0-1/4" opening
- 6" or larger touch screen programmable controller
- Process monitoring system with CCD camera
- Built-in red diode pointer and crosshair generator
- Recipe selection with barcode scanner
- Auto power calibration
- 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
- Program spot size in each step
- Three types of steps: Static, Dynamic, Manual
- Specify absolute laser power in miliwatts
- Up to 500 bonding recipes can be stored in the touch screen HMI
- Create partial circular bond and pattern bond
- Backup recipe to USB drive and restore
- Edit recipe on your PC with WinRecipeEditor
- Advanced data acquisition

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

Some Samples†:

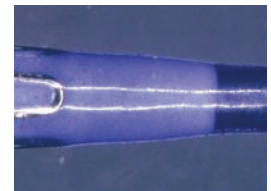
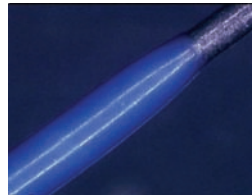


Soft Tip Attachment



PU Balloon Bond

Taper Formation



Stent Wrapping and Tip Bonding

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

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