



STACKLINE SL500

Manual Laser Bar Stacking System

The SL500 is a system for manual stacking and aligning of laser diode bars for the facet coating process. Based on the stacking principle of the automated ficonTEC SL2000(i) system, it offers a customized and field-proven stacking fixture design. Carriers are also available that have been designed for the customers' coating system and hold up to eight stacking fixtures. Typical alignment accuracy within the stack is $\pm 2 \mu\text{m}$ from facet to facet. The system comes complete with a standard microscope for observation during the stacking and unstacking process. Optionally, the system can also be equipped with a camera system.



FEATURES

- + Table top system
- + Field proven customized stacking frame design
- + Alignment accuracy typical $\pm 2 \mu\text{m}$ facet to facet
- + Based on SL2000 technology
- + Optional Camera system for process observation

APPLICATIONS

- + Manual stacking and unstacking of Laser Diode bars and single Laser chips

Please contact us for further information.