

Company Overview

ficonTEC Service GmbH, headquartered in Bremen Germany, is a world leader in manufacturing of automated assembly, test and inspection equipment for micro-systems and opto-electronics components, based on a flexible modular automated platform, fiMAP. ficonTEC specializes in the design, development and construction of fully customized or standard, modular, automated or semi-automated system solutions for "positioning & alignment", "assembly & measurement" and "test & inspection", particularly in the photonics industry for High Power Diode Laser (HPDL), Laser Welding, Laser Soldering and Automated Fiber Alignment. ficonTEC system solutions are also applicable for medical technology, security, military engineering and telecommunication application.



DIOLINE Series

(Laser Diode Bar Solutions)

- + Optical Inspection and Bonding
 - * Bonding Line (BL1000 & BL2000)
- + Stacking / Handling / Sorting
 - * Stack Line (SL500 & SL2000)
- + Testing and Characterization
 - * Test Line (TL500 & TL2000)
- + High Precision Assembly
 - * Assembly Line (AL1000 & AL2000)



BL1000



TL500



AL2000

FIBERLINE Series

- + Laser Welding System
 - 3-Beams System : Transceivers Components Assembly including TOSA, ROSA, BI-DI, etc
 - 2-Beams System : Butterfly Components Fiber and Lens Assembly including Pump Laser, SLED, etc
- + Laser Soldering System
 - Butterfly Components Assembly including Pump Laser, Tunable Laser, etc
- + Modular Alignment System
 - FTTx Components Assembly including PLC, AWG, VOA, etc
 - Passive Components Coupling including Isolator, Coupler, etc
 - Active Components Assembly including LD/PD Alignment, Gyroscope Assembly, etc



SL2000



Modular Alignment System

Please contact us for further information:

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