

ASSEMBLYLINE AL2000

Micro Assembly Workstation

With its high-speed, linear motor-driven X-Y-Z-_-stage system, the AL2000 offers higher motion speeds, a larger working area and even better alignment accuracy (down to +/-1 μ m) than the AL1000.



FEATURES

- + Passive alignment accuracy +/- 2 μ m
- + Active alignment down to 1 μ m accuracy
- + All linear motor technology
- + Epoxy attachment and adhesive bonding (UV-curing),
- + Micro welding and micro soldering
- + Various gripper and pickup tools
- + Pick up from BlueTape, GelPack and customized trays
- + Various bonding technologies (UV-curing, welding, soldering)
- + Pre- and post assembly component test
- + Full serial number and device tracking
- + Open Software architecture
- + Flexible integration of external test equipment
- + Optional full automated component inspection
- + SQL-Database connectivity

APPLICATIONS

- + Electro optical hybrid assembly
- + Optics and micro optics assembly
- + Laser Bar FAC lensing
- + Fiber & fiber ribbon alignment applications
- + Assembly of DPSS-Laser
- + MEMS

Please contact us for further information.