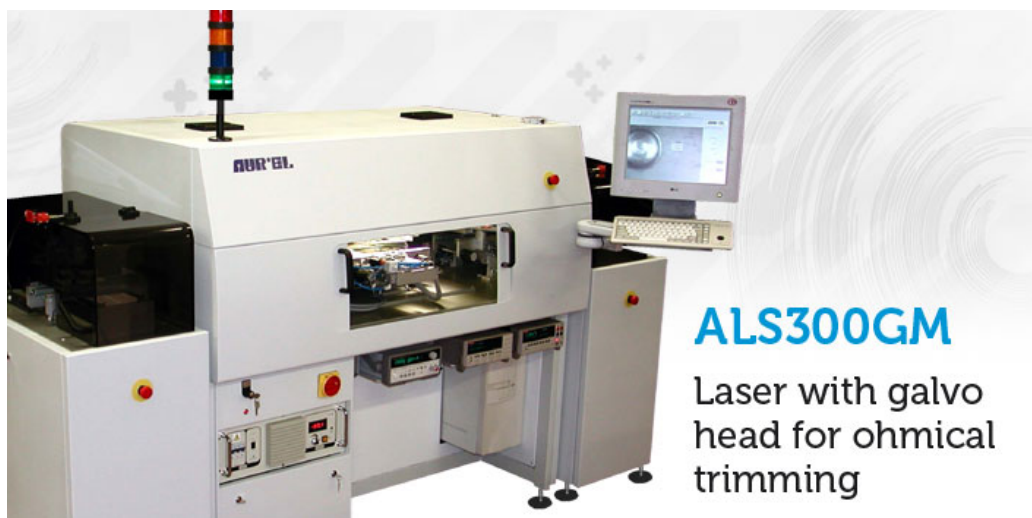


Aurel Model ASL 300GM

Laser with Galvo head For ohmical trimming



Applications

- Thick film & Thin film hybrid circuits
- Chip resistors on SMT PCB & Polymeric resistors
- Scribing/Growing of silicon wafer

With the ALS300 AUREL we provide a versatile laser trimmer for many different applications. The system can be used for active and passive trimming of hybrid circuits as well as for functional trimming of SMD circuits. We really specialize in this field and have a lot of experience with trimming SMD circuits under functional conditions. Most systems have to be custom tailored for handling and providing the physical conditions for the sensors, like proximity, pressure, optical, temperature or other while trimmed with the laser beam.

The ASL 3000R UNCLUDES:

- 4 positions rotating carousel
 - a: Loading
 - b: Pre-test
 - c: Trimming
 - d: End test /unloading

Specifications	ASL300
Generator	Nd-Yag (65W multimode)
Kerf width	40 to 60µm standard
Depth of focus	1 to 3mm programmable
Vision	TTL and dichroic mirror
PRS	Chip recognition system
Interface SW	RS232 & IEEE 488
PC	External windows NT 4.0
Laser source	He.Ne for beam alignment
X-Y Table	
Stroke	330mm x 180mm
Resolution	2.5µm
XY travel	DC servo Motor with encoder
Positioning speed	Programmable up to 100mm/sec
Trimming speed	Programmable up to 100mm/sec
Requirements	
Electrical power	3/380 – 10A- 50Hz
Air pressure	5ATE, 5l/min
Tap water Laser cooling	8l/min
Dimension	1500x960x1420