

Aurel Model ASL 6100

Laser marking system



**ALS6100**

**Laser marking system**

Laser marking for plastics, PCB, stainless steel, aluminium.

The AUREL ALS6100 Laser marking System has been designed for plastic, stainless steel, aluminum material. The marking can be applied on flat, round surface or continuous tape roll to roll.

The system is compact, reliable, safe and easy to use.

This is the result of the technical collaboration between AUREL and EL.EN, two companies with many years of experience in the production of YAG and CO2 laser generators & systems for electronic.

Specifications	
<b>Generator</b>	Nd-Yag with Q-switch
<b>Wavelength</b>	1064nm
<b>Working mode</b>	Multimode CW 40W
<b>Output power (cw)</b>	TEM <sub>00</sub> CW 12W
<b>Repetition rate</b>	Single pulse at 10KHz
<b>Alignment</b>	HeNe laser or collimator
<b>Optical components</b>	Mirrors mounted on rails with micrometric adjustment
<b>Q switch</b>	4 axis adjustment by micrometers
X-Y Table	
<b>Stroke</b>	110 x 100mm (*)
<b>Scanner speed</b>	Scanlab Mod. Hrryscan
<b>Resolution</b>	10 μm
<b>Repeatability</b>	30 μm
<b>Writing speed</b>	350 chr/sec
Requirements	
<b>Electrical power</b>	3/380 – 20A- 50Hz
<b>Operating temperature</b>	10+40C
<b>Humidity</b>	85% max