



# LEDA-3GP P9000

## Fully-Auto Probe Station

### Advantages

1. High speed , Compact, rigid and reliable fully-auto chip probing system.
2. Easily set-up and operate.
3. Particularly well suited for various chip-type products.
4. Industrial PC control base, software with high flexibility.
5. Customer oriented service policy, accept individual customer.

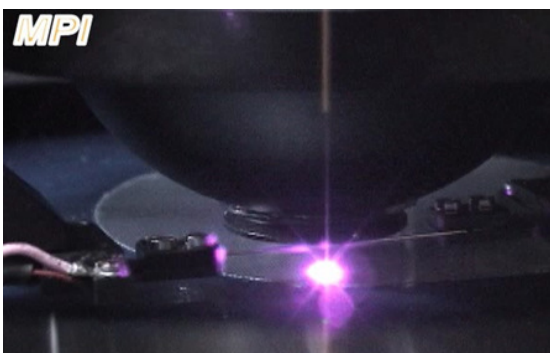


*The outlook is subject to change without notice.*

### Applications

1. LED field
2. Discrete elements.
3. Communication elements.
4. MEMS
5. Semiconductor

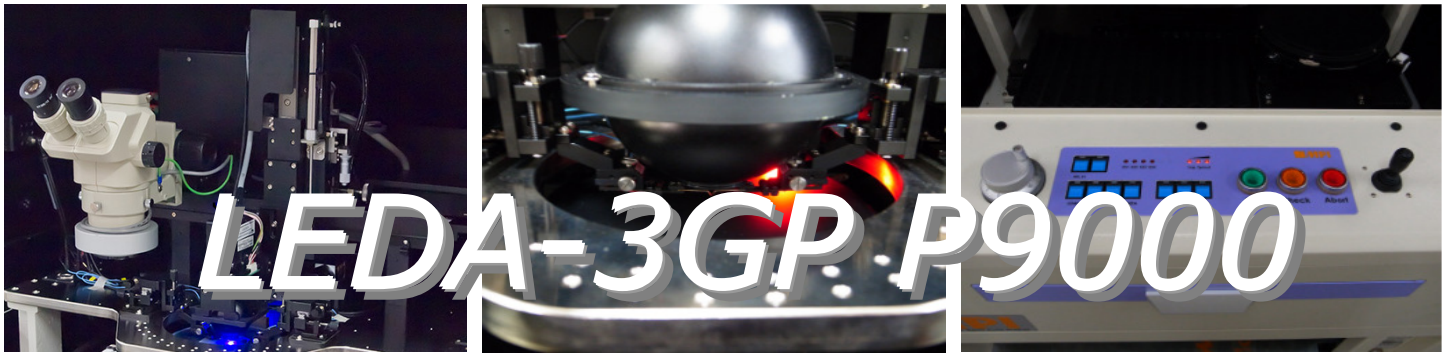
*All are suitable for mass-production,  
quality control and R&D purpose.*



### Features

1. Stretched 2"~6" wafer probing
2. Frame size up to DTF 2-8-1 and GR 8
3. Auto barcode reading
4. Fast wafer frame exchange: < 8 sec
5. Chuck probing area:  $\Phi$  8.2" Max.
6. Cassette Capacity: 2
7. Chip size: 6~80mil
8. Fastest chip scanning system
9. Smart chip alignment algorithm





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## Specifications

### • Dimension

Wide : 1450mm  
 Height : 2250mm, including signal tower)  
 Depth : 1295mm  
 Weight : 850Kg

### •Material

Chip Size: 6 mil x 6 mil ~ 80mil x80mil  
 Cassette Capacity : 2  
 Grip Ring : GR4、GR5、GR6 & GR8  
 Disco Frame: DTF 2-6-1 & DTF 2-8-1

*Different products need to change over*

### • X-Y Stage

Stroke : 495x320 mm  
 Resolution : X:0.1 μm;Y:0.1μm  
 Accuracy : < 20 um / 160mm  
 Repeatability : < 4 μm

### • Z-T Stage

Stroke : 10 mm (Z) / ± 7.5° (T)  
 Resolution : 0.2 μm (Z) / 0.0018° (T)  
 Accuracy : < 8 μ m / 10mm (Z)  
 Repeatability : < 4 μm (Z)

Chuck Flatness : < 10 μ m

### •Vision System

CCD Pixel : 1296 x 966  
 FOV : 6.4mm x 4.8mm  
 Illuminator : Coaxial Light



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## Throughput Table

Time (ms)		Index Range (mil)			
		8	12	20	40
Contact Range (mil)	6	56	63	68	83
	8	61	67	72	87
	12	69	73	78	96

*No edge sensor function.*

*This table is subject to change without notice.*

## Facility Requirement

Power : AC110/220V, 50/60Hz, 990VA

Vacuum : <-70 kpa

CDA : 3~5 kg/cm<sup>2</sup>

