

# Contrel Mini LED

CML series

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# 6M+

Laser Focused on  $\mu$ LED

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**Mini LED / Micro LED**

Mass Transfer / Mass Repair / Metal Repair

Momentary Process

+ Total Solution

# What Control Contribute to Mini LED Process



# Control Mini LED

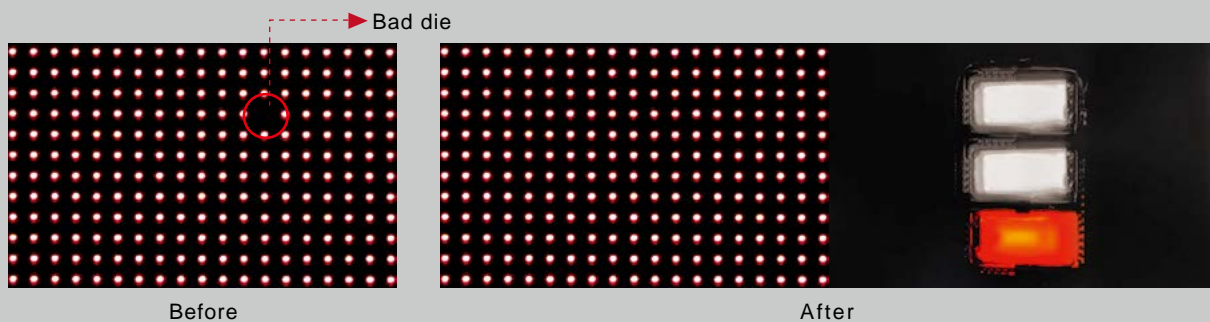
CML series

## Mini LED Repair Master

- Automatic rapid repair
- Accurate detection of LED brightness defects



### RGB Repair



### Specifications

	Specifications / Model	CML-RM
Machine Size	Dimensions (W*L*H)	2,610*2,650*2,130 mm
	Weight	4,000 kg
Equipment Capacity	Degree of automation	Fully-automated
	Backplane size (W*L)*1	198*182 mm
	LED size	50*50~100*200 μm
Options	Light on system	●
	AOI system	●
	Auto defect repair	●
Operating Conditions	Pressure source	Min. 500 kPa
	Negative pressure	Min. -90 kPa
	Vibration rating	VC-B
	Temperature	25°C±0.5
	Electrical load	3P/3W 208VAC 60 Hz : 45A

\*1 Backplane size can be customized

# Control Mini LED

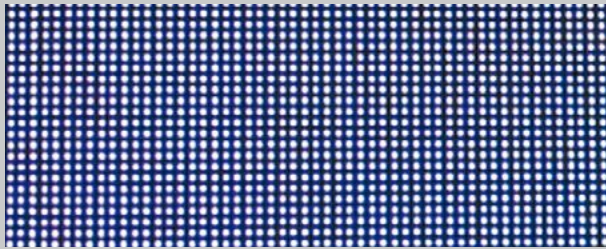
CML series

## Light On Test Master

- Detection of substrate defects
- Automatic optical inspection system
- Auto probe position adjustment



### Light On Test



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### Specifications

Specifications / Model		CML-LOM
Machine Size	Dimensions (W*L*H)	3,250*4,770*2,350 mm
	Weight	8,500 kg
Equipment Capacity	Degree of automation	Fully-automated
	Backplane size (W*L)*1	140*880 mm
	PAD size	1,000*600 μm
	Alignment accuracy	±50 μm
Options	Auto alignment system	●
	AOI system	●
	Ionizer bar	●
Operating Conditions	Pressure source	Min. 500 kPa
	Negative pressure	Min. -80 kPa
	Temperature	25°C±0.5
	Electrical load	3P/3W 208VAC 60 Hz : 30A

\*1 Backplane size can be customized

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*Mini LED Repair Master*



*Light On Test Master*



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