

Sikama's Application Highlight: Electron Attachment Ultra Profile 1200

Sikama's EA UP1200, developed in collaboration with AirProducts™, is the next generation of fluxless soldering. Providing safe, residue-free, high throughput fluxless soldering performance, the EA UP1200 sets the new high bar.



Electron Attachment is a novel flux-free technology based on electron attachment (EA) which can be operated at ambient pressure and normal solder reflow temperatures using non-flammable mixtures of hydrogen in nitrogen.

As a first in the industry, the EA UP1200 incorporates patented Electron Attachment technology to provide highly efficient, safe, and truly residue-free fluxless reflow. Utilizing N2 cover gas and an H2/N2 blend with less than 5% hydrogen, the result is oxide removal without the use of formic acid or other dangerous chemicals.

CLICK HERE to learn more

	Competition	Sikama
Wafer Throughput		
Chemical Cost		
Gas Cost		
Post Process Residue		
Equipment Cost		
Power Consumption		
Maintenance Cost		
Environmental Hazard		
Health Hazard		
Safety		
Total Cost Per Wafer		



Click here to watch our videos and demonstrations on Sikama's EA UP1200 Fluxless Reflow Oven and Sikama's Fluxless Reflow Oven Demonstration



Sikama International's Interview with Easy Engineering

Our Director of Sales and Business Development, Jeffrey Blair, interviewed with Easy Engineering regarding Sikama International's products, features, technology, solutions, and product profitability for users.

[CLICK HERE](#) to read the full article

Community Update



We will be exhibiting at SEMICON West 2022!

Located at Booth #1447, we will be discussing our Fluxless EA UP1200 Oven and its benefits, capabilities, and industry changing technology. We are looking forward to discussing our products, applications, celebrating our 40th anniversary and much more!



We have recently joined IEEE, the **Institute of Electrical and Electronics Engineers**. We look forward to the relationships, friendships, and opportunities that will come from it!



We are excited to have joined the **Santa Barbara South Coast Chamber of Commerce**. Fostering relationships within our own community, discussing local economic practices, and networking in our own backyard has been an integral part to expanding Sikama on a number of levels.



We have also been ecstatic to join the Chamber's South Coast Technology and Manufacturing Committee. Jeff and Herb took part last week during their first meeting discussing local manufacturing, development, and technology thus sparking ideas, connections, and relationships we are looking forward to fostering.