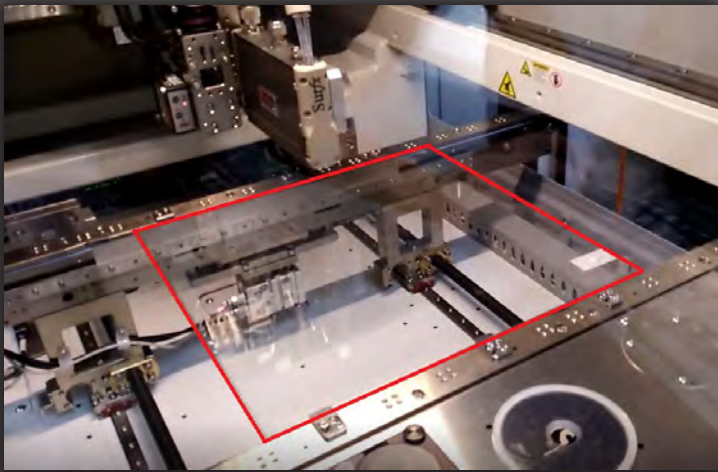
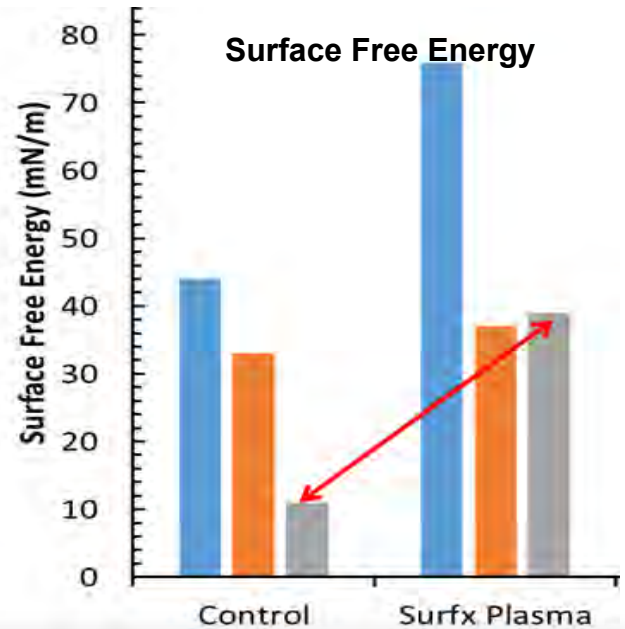


Surface Treatment for Displays

Our new argon plasma tool is fast and effective for cleaning and activating glass and adhesion improvement. Any large particle or contaminant can be a weak point in your bond that will later fail. Do not risk poor bond strengths and adhesion. Guarantee cleanliness and optimize your bond for every part. With Surfx in-line systems the plasma treatment will be uniform and safe, Surfx will not harm or roughen the surface of your substrates. Surfx plasma provides fast, damage-free chemical treatment. No sputtering. We modify the polar component of the surface free energy, not the dispersive component.

Surface Prep	WCA °	Speed (mm/s)	SFE (mN/m)	Disperse (mN/m)	Polar (mN/m)
Control	35		47	32	15
	9	50	72	35	37
Surfx Plasma	8	100	74	36	38
	8	150	74	36	38



Surfx 100mm linear plasma source (seen above) can treat a 300 mm x 300 mm glass sheet in under 7 seconds! This can be done using our In-line Plasma Cleaning (IPC) system (seen right) with pass through conveyor to easily integrate into the manufacturing line directly.



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