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## SCI AUTOMATION

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## We're excited to announce



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## WHY PLASMA?

Plasma, the fourth state of matter, is generated by an electric field that creates a multitude of particles such as electrons, protons, neutrons and free radicals. These particles give plasma the ability to remove organic matter from the surface of an object by chemical reactions (chemical plasma) or by ion bombardment (physical plasma), performed in a vacuum chamber utilizing oxygen and/or argon gas, as well as many other gas types (application dependent).

The removal of organic contamination and/or surface modification are key players in modern semiconductor manufacturing allowing increased bonding yields in pre-wire bonding applications, no delamination in pre-molding applications and void removal and no delamination in flip chip applications.

Contact **SCI** Automation for standard or customized process solutions. For more information, visit <a href="https://www.sciplasma.com">https://www.sciplasma.com</a> or call <a href="https://www.sciplasma.com">+65 6465 1886</a> / sales department.





