

Plasmatreat AsiaPacific Pte Ltd

The Plasmatreat Group was founded in Germany in 1995. As the world-market leader in atmospheric plasma surface treatment & nano-coating solutions, we support our customers globally in industries like automotive/EV, semiconductor, consumer electronics, medical devices & aerospace to name a few. In our application laboratories across the globe, we analyze specific surface treatment projects together with our clients and support them from concept to implementation. We conduct technical feasibility studies, directly with our customer's parts, develop optimal plasma process settings for a given treatment scenario and carry out long term ageing trials.

Our Openair-Plasma® treatment systems for industrial fine cleaning & activation, copper-oxide & tin-oxide reduction and our PlasmaPlus® surface nano-coating technologies are used to functionalize substrates or lead frames on strip-level. This is especially important when pristine surfaces, a high surface energy or specific surface functionalities are critical for subsequent processes (e.g.: wire bonding, die-attach, over molding, (fluxless) TCB, bonding, sealing, or printing)

In today's highly automated production environments, our clients take full advantage of the built-in plasma monitoring & data collection features to realize a reliable, fully documented, and effective plasma process. This ensures a consistently high product output quality, while reducing operational costs and even eliminating environmentally harmful and health-damaging chemical processes.

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