



PLASMA TECHNOLOGY SYSTEMS

Molecular Re-engineering for Custom Surfaces



plasmatreat
solutions on top

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Companies Join to Provide Surface Treatment Solutions for Bonding and Coating Challenges

Plasma Technology Systems (Belmont, CA) and Plasmatreat (Steinhagen, Germany) have joined forces to provide surface treatment and coating solutions. Plasma processes are effective for surface preparation to include critical cleaning, activation and functionalization for improved bonding and coating adhesion, deposition of thin film coatings, crosslink and grafting of molecules. Materials modified include polymers, elastomers, composites, glass and metals.

Plasmatreat is the developer and leading supplier of atmospheric pressure plasma surface treatment technology. The patented Openair® Plasma system – a robust, high throughput processing system – is readily integrated into existing manufacturing lines offering extraordinary cost-effective solutions.

Plasmatreat is represented worldwide with technology centers in Germany, North America and Japan supported by 14 international sales offices. The installed system base includes over 2000 systems.

Plasma Technology Systems (PTS) offer plasma gas vacuum equipment for molecular re-engineering of surfaces. The product line includes systems for batch processing with chambers up to 80 cubic feet, continuous profile treatment, and web, film and membrane handling systems up to 5 feet. Services are supported by a team of engineers with over 30 years in the industry.

Together, this team is able to leverage their technologies to provide the best solutions for customer applications. PTS offer a plasma applications development and demonstration laboratory facilitating research and development with the two technologies.

For more information visit www.PlasmaTreat.com and www.PlasmaTechSystems.com.

Contacts:

Plasmatreat North America
Plasma Technology Systems
276 Harbor Blvd. Belmont, CA 94002
Phone: 650 596-1606
Mr. Wally Hansen, E-mail: wally.Hansen@plasmatreat.com
Mrs. Mikki Larner, E-mail : mikki@plasmatechsystems.com



Photo: Plasmatreat

OPENAIR® atmospheric pressure plasma enables high speed molecular level cleaning and activation for adhesive bonding and conformal coating.