

Trion Technology

Owner at Trion Technology

Tampa/St. Petersburg, Florida Area, FL, US

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Biography

Trion Technology is an original equipment manufacturer of Plasma Reactive Ion Etch (RIE) and Plasma Enhanced Chemical Vapor Deposition (PECVD) tools for the Compound Semiconductor, MEMS, Opto-Electronic and other markets.

Industry Expertise

Nanotechnology, Manufacturing, Semiconductors

Areas of Expertise

Plasma Rie Reactive Ion Etch, Plasma Deposition Pecvd, Photoresist Strip

Affiliations

SEMI, ISTFA, Materials Research Society

Education

University of California - Davis

Chemical Engineering and Civil Engineering Chemical Engineering and Civil Engineering

Accomplishments

Phantom III Reactive Ion Etch (RIE) System

The Phantom III RIE is designed to supply research and failure analysis laboratories with state-of-the-art plasma etch capability using single wafers, dies or parts using fluorine and oxygen based chemistries. The system has a compact, modular design built on a space-saving platform.

<http://www.triontech.com/phantom.htm>

Orion III Plasma Enhanced Chemical Vapor Deposition (PECVD) System

The Orion III PECVD system produces production-quality films on a compact platform. The unique reactor design produces low stress films with excellent step coverage at extremely low power levels. The system meets all safety, facility and process requirements within the laboratory and pilot line production environments. The Orion III has many standard features not typically found on a system so reasonably priced, which is why many users worldwide have made it their PECVD system of choice.

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