

# New Products

## High-Voltage Pulse Modulators

**Diversified Technologies, Inc.** (Bedford, MA) recently introduced a compact, high-voltage pulse modulator for applications including generating vacuum and atmospheric plasmas, semiconductor production, surface sterilization, R/D, and materials modification. PowerMod™ High-Voltage Pulse Modulators are all solid-state, provide full repeatability, low droop, can be configured for a wide range of current and voltage requirements, and deliver up to 99 percent efficiency. Other features include:

- Adjustable pulse widths from 1 to 100  $\mu$ s and up to 30 kHz nominal pulse frequency, and depending upon power level, they yield rise times as low as 15 ns
- Full internal self-protection against overvoltage and over-current conditions
- Voltage and other settings on PowerMod™ High-Voltage Pulse Modulators are easily changed to provide up to 30 kV of peak pulses and currents from 10 to 200 Amps
- Air-insulated and water-cooled, operate on 110 VAC, and are 19" rack mountable

[www.divtecs.com](http://www.divtecs.com)

