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## **TRAZAR's RF DUO™ MEETS 300MM AND DEEP SUB-MICRON ETCH AND DEPOSITION SYSTEM REQUIREMENTS**

### ***RF Power and Automatic Impedance Match Solution Delivers Industry-best Reliability to Semiconductor Equipment Vendors and Manufacturers***

Santa Clara, CA, November 2, 2004—Trazar Corporation is introducing RF Duo™, power and match solutions for the semiconductor manufacturing industry. This system includes a nominally 3kW RF power source (capable of 5kW peak output) manufactured for Trazar by Huettinger Electronics and the company's automatic impedance matching (AIM) system that is customized to the generator and the individual OEM process requirements. Together, they provide capital equipment OEMs an RF power and matching system with unequalled quality, reliability and performance.

Targeted at critical plasma etch and deposition systems, RF Duo provides semiconductor capital equipment makers with a complete RF power and match solution. Historically, the reliability of plasma systems using other alternatives has been plagued by failure of the impedance matching device, which tend to need service and repair within three to six months. Unanticipated failures of the match result in very expensive yield and productivity losses.

RF Duo is the only system to boast a demonstrated 44-month MTBF and carry a 36-month warranty for the AIM. This reliability is 50 to 100 percent better than other alternatives including those supplied by Advanced Energy (NASDAQ: AEIS) and MKS (NASDAQ: MKSI), which decline to publish specific MTBF or warranty guarantees. Additionally, the system provides the industry's fastest tuning time, essential for accurate process control in critical sub-micron plasma etching and deposition process steps.

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## 2-2-2/TRAZAR's RF Duo

Ideal for the replacement market as well, Trazar also offers an RF generator to the leading semiconductor manufacturers with the ability to upgrade existing equipment. This Trazar-Huettinger RF generator replaces many of the lower quality and reliability RF power supplies in existing equipment, allowing these manufacturers to immediately reap the benefits of increased line yields, improved productivity and decreased downtime due to power system failures.

"All of our OEM and fab customers continuously complain about the reliability of other match products," said Gary Ater, VP of Marketing for Trazar. "Now they can build in the desired reliability or upgrade their equipment in the field."

OEM pricing for RF Duo is less than \$20,000. Trazar's service team supports the product as well as the global resources of Metron Technology with more than 40 support centers and multiple authorized repair centers worldwide.

### **Trazar**

Founded in 1987 and headquartered in Santa Clara, CA, Trazar boasts the leading mean-time-between-failure (MTBF) of high-reliability RF solutions for semiconductor manufacturing, including its industry-leading Automatic Impedance Matching systems. The company also provides a complete line of repair and maintenance services and specialty contract manufacturing for high-quality, moderate volume requirements. More information is available at [www.trazar.com](http://www.trazar.com) or by calling 408-970-9501.

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