



ARC Technologies to Exhibit at the TU-Automotive Detroit 2015 Conference and Exhibition

Amesbury, Massachusetts, May 26, 2015 – ARC Technologies is demonstrating their newest solutions for interface control, including new focused beam system for electromagnetic testing and high capacity electroless copper plating line, and their applications in the automotive market at the TU-Automotive Detroit 2015 Conference and Exhibition on June 3-4, 2015. Visit ARC Technologies at **Booth #A29** at the Suburban Collection Showplace, Novi.

Automotive radar and autonomous vehicle technology designers rely on accuracy and reliability. In addressing the needs of automotive radar designers ARC Technologies has drawn upon its 25 years of experience as the leading supplier of radar absorbing materials for design solutions that can be technically advanced, cost effective, lightweight and durable.

ARC Technologies has perfected a family of optimal RF noise mitigation materials. These materials can be formulated, molded or otherwise fabricated to best suit the application. ARC Technologies can help get technology up to speed with new radar absorber products. Its SB and MC series absorbers are weather and chemical resistant and are suitable for use on the vehicle body, bumpers and other exterior surfaces.

Staying ahead of today's technologies, ARC Technologies Inc. has expanded its' electromagnetic test capabilities up to 110 GHz with the addition of a **Focused Beam System**. Measuring a material's permittivity (ϵ) and permeability (μ) is critical in the design and development of high frequency materials and systems. The ARC Technologies Inc. focused beam system allows for non-destructive, accurate measurements of these material parameters, including reflection and transmission loss, from 2-40 GHz and 75-110 GHz.

This new testing service provides customers a more affordable and fast way to turn around their testing needs.

The newly released **AC²ES** is an advanced, optically clear, transparent, thin-film conductor that provides excellent EMI shielding and conductivity. It is a robust, ultra-thin, flexible film incorporating conductive nanoparticles and a low-cost direct replacement for Indium Tin Oxide (ITO) films. AC²ES is available in flat or 3D form, or can be supplied pre-cut to exact customers' specifications.

ARC Technologies is now offering new **Plating on Plastics (PoP)** service. Its versatile plating system is designed to deposit a 2-3 μm (80-120 μ -inches) layer of pure, smooth, dense, and uniform copper in one hour. Various stabilizers and components can be used to customize the system to operate successfully for a broad range of processing applications, including automotive.

About ARC Technologies

ARC Technologies is the leading supplier of microwave absorbing materials for commercial and defense applications. While providing a complete range of standard absorber products, ARC Technologies also offers dielectric materials, composites, radomes, and radar absorbing structures (RAS).

www.ARC-Tech.com