



CONTACT:

Ellen Santoni
700 East Harrison Ave.
Pomona, CA 91767
(909) 625-9357
E-mail: ellen.santoni@ectinfo.com
Web site: www.ectinfo.com

Everett Charles Technologies to Premier Technological Advance to Its E6 Tester at APEX 2007

Pomona, CA — February 13, 2007 — Everett Charles Technologies (ECT) and atg Test Systems announces that it will introduce a new advancement to its Eliminator 6 (E6) fixtureless test system. The new innovation gives the E6 the capability to advance from testing finished circuit boards to testing boards without soldermasks, or “Naked Boards,” and will be on display in booth 1623 at the upcoming APEX 2007 conference and exhibition, scheduled to take place February 20 to 22, 2007, in Los Angeles.

The new advancement allows the E6 to test more boards at a faster rate, resulting in improved yields as well as increased capacity — on average 4X (as part of the Eliminator Test Cell). The updated E6 also eliminates the need to grid, providing very fast fixtureless test.

The system does not use AOI techniques. On the contrary, it uses full parametric DC measurements via an electro-mechanical scanning process. When applied to finished boards down to .008” thick without solder mask, errors can be found earlier in the production cycle and corrected without damaging the solder mask. This method of test also can be applied to designs that utilize sequential lamination. Laminated sub-assemblies now can be tested at speed prior to laminating other sub-assemblies to it. This will prevent the waste of laminating a good sub-assembly to a bad one.

Using parametric electric test, the system features the following specs: 250V-100 megaohm isolation test and down to 10 ohm continuity test.

A pre-screener, or turbo charger of sorts, for industry accepted flying probe test (FPT) systems, the E6 test system eliminates test points needing to be tested by FPT. E6

leverages FPT advantages of fixtureless, quick test preparation and programming, while overcoming FPT's historical weakness — slow test times per PCB and low voltage isolations testing — to make FPT (as part of the Eliminator Test Cell) suitable for high-volume production electrical test, as well as prototype and all volumes in between. Panel test application niches addressed by the E6 are rigid PCB, I/C package, and PCB inner layers (in development), making the E6 a versatile test tool.

Everett Charles Technologies, a Dover Corporation company, is a leading manufacturer of electrical test products and services, including semiconductor test products, bare-board automatic test systems, Pogo™ test contacts, backplane and loaded PCB test fixtures. Corporate manufacturing, service, and support facilities are ISO registered with locations in the United States, Europe and Asia. The company has been awarded numerous patents and participates actively in developing industry standards. Additional information is available at www.ectinfo.com.

###