



PERNICKA CORPORATION

FOR IMMEDIATE RELEASE

Makers of Sealed Components Able to Comply with New Hermeticity Standards Using Pernicka Cumulative Helium Leak Detection (CHLD)

Tighter pass/fail limits for sealed packages mandated with publication of revised MIL-STD 750 in January, 2007

Fort Collins, COLO.—September 10, 2007—Pernicka Corporation announced today that its groundbreaking Cumulative Helium Leak Detection (CHLD) system exceeds the new, tighter hermeticity limits required by DSCC (Defense Supply Center Columbus) for all sealed packages and components. The updated specification, published in January, 2007, was the first edition to include the CH1 and CH2 methods using Cumulative Helium Leak Detection (CHLD).

The MIL-STD 750 overhaul is the first change of hermeticity limits in more than 30 years. The organization is in the process of notifying parts and component manufacturers of the specification change, requiring them to submit plans for meeting the new standard. For further information, please see Table 1071-V of Mil-Std-750.

“With DSCC’s approval of the CHLD method late last year, Pernicka’s Model 700G offers the first truly practical solution for compliance to the new MIL-STD,” commented John C. Pernicka, founder & president of Pernicka Corporation. “Our ultra-sensitive system can test any size package available on the market today to the tighter specifications mandated by the new DSCC limits.”

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CHLD/HERMETICITY LIMITS

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Pernicka's Model 700G CHLD is the only system that has detected leaks down to 4×10^{-14} atm-cc/sec in implantable electronic medical devices, high-reliability space/satellite parts, and semi-conductor packages reducing device recalls and increasing operational life.

The Pernicka Model 700G is now in production and can be viewed in operation by appointment at our test lab or various customer locations.

ABOUT PERNICKA CORPORATION

Pernicka Corporation, a privately-held manufacturing and services firm located in Fort Collins, Colorado, has solved complex engineering, manufacturing, and measurement problems in military and business applications for nearly 40 years. Pernicka's expertise and leadership in advanced vacuum technologies helps manufacturers of implantable electronic medical devices, high-reliability space/satellite parts, and semi-conductor packages realize higher part reliability, lower failure rates and environmental compliance. John C. Pernicka pioneered development of the Cumulative Helium Leak Detection (CHLD) method and now manufactures the first commercially available CHLD system. For more information, please visit www.chldpernicka.com.

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