Vacuum Handling Solutions for Medical Applications

Virtual Industries Inc., a leading supplier of manual vacuum handling solutions, announces that it will display several advanced systems for medical applications in Booth #1358 at the upcoming Medical Design & Manufacturing Minneapolis Exposition, scheduled to take place October 31-November 1, 2012 at the Minneapolis Convention Center in Minnesota.

Demonstrated at the show, the Small Part Handling Kit for Parts as Small as 200 µm (TV1000-SP8-BD) is a general purpose vacuum handling tool that plugs directly into 110 Volt (50/60 Hz). This compact unit will handle a wide variety of optics, ball lenses and SMT parts used in industry today. An optional tip handles parts as small as 0.004" (0.10mm) without damage. Vacuum tweezers eliminate lost parts associated with mechanical tweezer handling. The long-life diaphragm vacuum pump generates up to 10" of mercury with an open air flow of 2.3 lpm. The unit connects to ground automatically with a three-wire power cord.

Also to be displayed, the Deluxe Vacuum Tweezer Kit with 16 Delrin Small Part Tips (V8100A-FS-110-DLX-D) provides additional pick-up power for handling parts as small as 100 microns (with an optional tip) to extremely large sized components. The precision pump generates up to 15 inches of mercury. The compact tower design takes up a very small footprint on the bench.

An electric eye pen holder on the side automatically shuts the unit off when the vacuum pen is placed in it. A jack on the rear of the V8100A series allows use of the optional foot or hand switch to control vacuum during pick-and-place operations.

Virtual Industries Inc.
www.virtual-ii.com [1]

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