

## ***New Enshu EV530S & Mold-Man 8000***

Polymer Technology Corporation, a custom injection molder specializing in accelerated tooling and molding technologies, announces the addition of an Enshu EV530S high performance, fixed column vertical machining center in January, 2007 and a Mold-Man 8000 low pressure molding machine in February, 2007.

The Enshu EV530S will allow Polymer Technology Corporation the capability of high speed machining (HSM), providing the ability to machine blocks, cavities, and cores in the hardened state, eliminating much of the EDM process.



The Enshu EV530S exhibits feed rates of 1259 inches per minute and holds positioning within .0002" across full axis stroke, with repeatabilities of +/- .00006".

The Mold-Man 8000 is a single station low pressure molding machine. Low pressure molding refers to the process of producing molded electronics parts, the casting of connectors with strain relief and the encapsulation of populated circuit boards. The Mold-

Man 8000 employs thermoplastic hot melt adhesives, aimed specifically at insert molding. In a single step, Polymer Technology is able to effectively protect solder joints and wires from atmospheric moisture by adhering efficiently to the wire surface.

Traditionally positioned between injection molding and potting, low pressure molding with the Mold-Man 8000 presents a fast, convenient packaging solution, simultaneously encapsulating circuitry while forming the outer shell of the component allowing Polymer Technology to deliver a self-contained and highly integrated assembly.



Coupled with Polymer Technology's onsite molding capabilities and internal mold building facilities, the addition of the Enshu EV530S will lead to higher quality tools with much shorter lead times. Also adding more flexibility to Polymer Technology's capabilities is the addition of the Mold-Man 8000, which will reduce the number of process steps required by conventional potting techniques.

YOUR IDEAS...  
OUR MOLDED SOLUTIONS

**WWW.POLYMERTECHNOLOGY.COM**