



# UNISON PRECISION



## Contract Grinding For High-Precision Medical Components

For 50 years Unison DedTru® centerless grinding systems have been the mainstay for manufacturers who require high-precision grinding. With over 10,000 equipment installations worldwide, Unison machines have proven to be a standard for reliability and are considered the most cost effective solution to both short lot and larger volume centerless grinding operations.

In recent years the demand for medical components has risen tremendously, particularly for devices like heart catheters which require the application of precision ground wires with concentricity tolerances of 10 millionths. The DedTru three-axis system provides both thru-feed and plunge centerless grinding for cylindrical parts from 0.005-inches to 5-inch diameter with concentricity tolerances of 50 millionths.

Unfortunately, with today's economy, a company may require more capacity to fill their orders but cannot finance the purchase of a new machine. "Dave Swider, president of The New Unison Corporation says, "Today, we are being approached by some of our capital equipment customers who need contract machining services for production requirements that they can't currently meet with their existing capacity.

For this reasons, we have established Unison Precision Machining (UPM), to address those customer's needs and this company will only seek new business in areas which do not compete with Unison's existing equipment customer base. One of the areas UPM is pursuing is the guide wire business for heart catheters. The high-precision concentric wires used in catheters are ideally suited for being ground on DedTru grinding machines. The new company is equipped with Unison CNC grinding systems as well as DedTru® grinding machines. UPM's grinding technicians have decades of experience with all types of production and prototype grinding work.

Unison Precision Machining was specifically formed to serve

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