

# Scanning Technology Delivers Throughput Gains

Renscan5 motion control software delivers gains in coordinate measuring machine (CMM) inspection of critical and complex parts. Early adopters report 680% improvement on automotive cylinders heads and 922% faster processing of jet engine blisks. Software meets industry needs for reduced WIP, greater process control, and ever tighter tolerances by delivering 10 X and more data points on greatly reduced cycle times. The REVO head uses synchronized motion when scanning to quickly follow changes. Two rotary drives provide wrist-like action to optimize part access and enable infinite adjustment to the part surface while measuring. A laser light system is used to accurately measure the exact position of the probe tip, with a beam of light directed from within the probe body down a hollow stylus to a reflector at the stylus tip. The probe allows single tip calibration to be accurate at all angles of rotation.

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