



ECM USA Inc
VACUUM FURNACES

SYNERGY CENTER

ECM USA DEVELOPMENT LAB FOR METALLURGICAL & DISTORTION ANALYSIS

ECM offers a new laboratory in Wisconsin to solve all of your testing needs. Bring your parts to ECM USA to test various Low Pressure Vacuum Carburizing, gas/oil quenching and loading scenarios. Receive on-site analysis of dimensional measurements and metallurgical results.



ICBP® NANO



LAB EQUIPMENT

EQUIPMENT

MICROSCOPE

3D imaging resolution depth of 2mm
Full sample image stitching capabilities

CMM

0.7 Micron Accuracy
Rotary symmetric and irregular parts measuring

HARDNESS TESTER

Full sample hardness contour measurement
Case depth resolution up to .05mm

