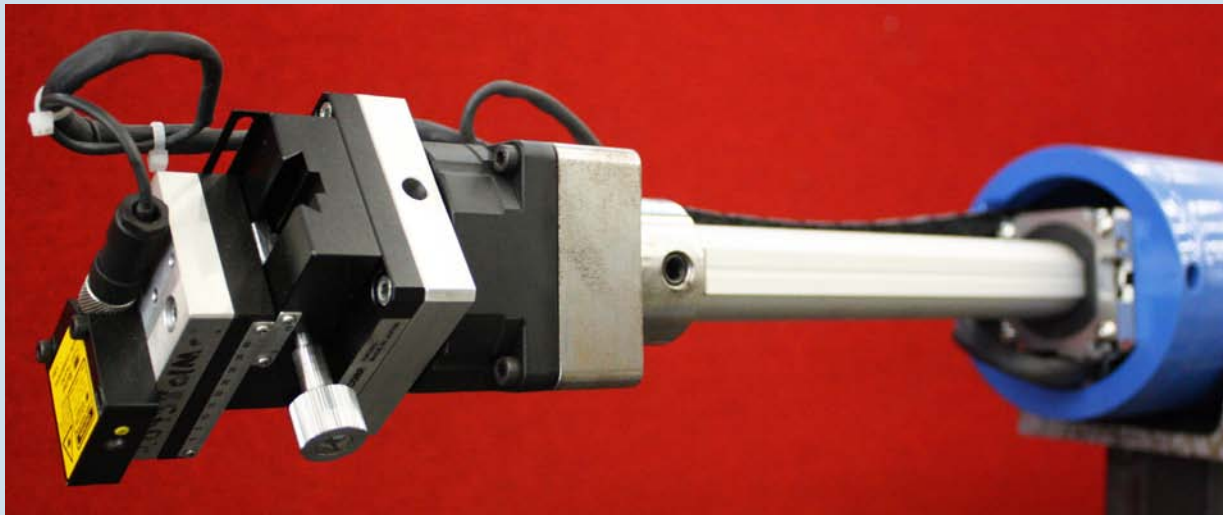


Profile Mapping Tool (PMT)

PMT is a fully automated measuring system that scans the profile of clad pipe with a resolution of .001" and can detect defects that often go undetected in liquid penetrant tests. PMT uses a laser displacement sensor to measure deviations in distance from scanned surface to the PMT system, and generates a 3D map of the pipe interior. Surface roughness, pitting, voids, porosity and cracks are detected, visualized, and quantified.



- PC based.
- Easy to use Graphic User Interface.
- False color image of a pipe's interior surface.
- Locates and records detected defects with sizes and creates full 3D map of pipe interior.
- Manual Axis Controls.
- Real-Time Radius Feedback.
- 6" Scan Area Depth on X-Axis.
- Single Read Head can scan pipe I.D. from 4" to 10".
- Easily adaptable to robotic systems and other motion systems.

