ARMUT® (Absolute Recordable Manual Ultrasonic Testing) combines the best of both manual and automated UT, and Industrial Inspection & Analysis is the sole provider of critical weld examinations using this proprietary technology.

IIA’s ARMUT® Technology Is Truly Innovative

**Camera**
A machine vision camera placed atop of the UT probe is used to track the probe’s movements, skew angle allowing for UT data correlation.

**Mylar Film with QR Codes**
The mylar film is wrapped on the component, and the QR codes, which facilitate the gathering of positional data, are read by scanning the film with the hand-held probe.

**Positional and Time Encoded Data Acquisition**
ARMUT® technology allows a single individual to conduct critical weld examinations, and the system simultaneously gathers encoded positional data and encoded time data.

**CORROSION MAPPING OF ELBOWS: THE ARMUT ADVANTAGE**
Our patented ARMUT® system offers a reliable, time-saving alternative for corrosion mapping of piping elbows. Armed with ARMUT, a single technician can capture high-resolution images along the entire pipe elbow. You’ll receive an accurate map of corrosion that will pave the way for sound maintenance and repair decisions.

**The ARMUT® Process**

IIA’s proprietary ARMUT® technology is the only system that combines automated and manual UT examination methods and uses a QR code film on complex geometry to gather encoded positional and encoded time data simultaneously. The ARMUT® can be used by a single technician to examine critical welds and gather extremely high-resolution images that can be stored, shared, and immediately analyzed.

Whether choosing the right equipment or discussing options that might help mitigate your risk, our team is just a phone call away.

Need additional help with your project? Call us: 979-399-7151
www.industrial-ia.com