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.

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.

The ARMUT® Process

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

Need additional help with your project? Call us: 979-399-7151