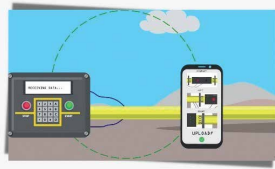


BDI – Bead Diagnostic Instrument



Bead gauges for checking final bead width (see page 9)

BDI – Bead Diagnostic Instrument Quality Control for Butt Fusion

The BDI (Bead Diagnostic Instrument) is a unique onsite tool that gives you a clear and quick result on the quality of your butt fusion welds without the need for destructive testing.

The BDI (bead diagnostics instrument) is the only tool to test the integrity of the majority of the bead in a non-destructive manner.

Unlike the industry recognised 'bend back test', the BDI tests up to 95% of the entire bead length ensuring a controlled and recorded test is carried out which can be replicated perfectly time after time.

Reasons to adopt BDI on your pipelines:

- BDI can be fully integrated into the butt fusion welding process or stand-alone – it's up to you
- It is simple to use
- Up to 95% of the bead length is tested
- Bead and split length are recorded
- Immediate test results are available after every weld
- In conjunction with smart phone app, all results can be captured and documented in real time on a secure server
- Failed joint alerts can be sent to supervisors

Product Code	Description
189-000045	BDI Unit

**call us now
for more
information**

ControlPoint Asset Integrity System



ControlPoint's Remote Inspection System

ControlPoint offers:

- EUSR-approved training sessions with an emphasis on practical, hands-on learning
- Onsite coaching to support operators throughout the installation process.
- Comprehensive BSI-certified testing and failure analysis through their in-house lab
- Technical expertise and assistance with pipeline projects



ControlPoint
Compatible with
iOS, Windows
Mobile & Android



Powerful Quality Assurance for Electrofusion Welding

As an official ControlPoint partner, Hy-Ram brings you their ground-breaking asset integrity package, which combines real time joint data capture, remote inspection, EUSR accredited training and onsite services. We can also offer you access to ControlPoint's accredited test laboratory (joint testing and materials analysis)

How It Works

The electrofusion control unit is paired with the operator's smartphone, and the ControlPoint app (compatible with iOS, Windows Mobile and Android) guides the operator through the process of photographing the prepared joint. The photos, plus weld data and GPS tag, are sent via 3G/4G to ControlPoint.

Remote Inspection

ControlPoint monitor and assess the joint images in real time. If an issue is identified, alerts are sent via SMS and/or email to site supervisors. The process, which takes a matter of minutes, allows network operators and their contractors to take action before joints are buried.

Continuous Improvement

Joint data and inspection records are stored and can be quickly searched and analysed through ControlPoint's JointManager website. Performance trends and issues can be identified right down to individual operator level, meaning excellence can be rewarded, and performance problems can be addressed through targeted training.