

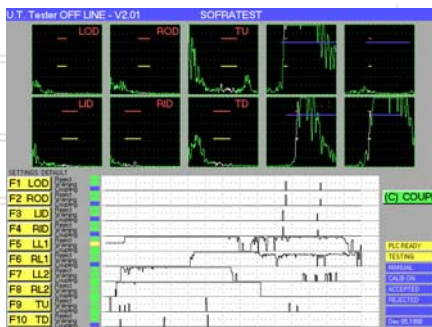
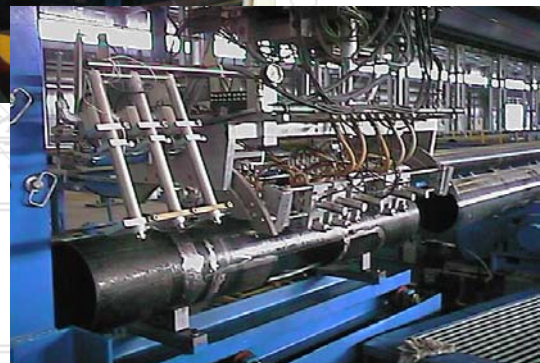
ERW PIPE OFF LINE UT INSPECTION

A Complete Multi-Channel UT system

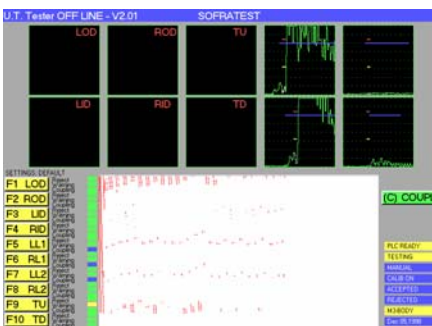
- up to 12 simultaneous channels
 - 4 x longitudinal flaw
 - 2 x midwall flaw
 - 2 HAZ lamination
 - 4 x body delamination
- Tested pipe dimensions:
 - length up to 16m
 - diameters from 4'' to 16''.
- Pilot line
- CCD camera
- 3 testing modes :
 - Weld testing
 - Lead or Trail end
 - Full body lamination
- Settings directly accessible by operator



Off-line Test Head



Ends + Weld seam + edge's lamination envelope in real time



Full body lamination chart

During the test process:

- 2000 meas/s for each channel
- Up to 12 A-Scan displayed simultaneously in real time
- Coupling warning and reject alarms displayed
- Printed report for each pipe

Calibration

The test Head's home position is on a calibration standard which is in the pipe's axis. So a dynamic calibration check is available between each pipe test.

Meets specifications: API 5L 2000, ISO 3183-3, ARAMCO, SHELL ...

KCU025B