

ULTRASONIC TEST SYSTEM FOR PRECISION TUBE

Job Description:

Dia Range : 6 mm to 25 mm (Max 50mm)
Wall Thickness : 0.4 – 6 mm
Length : 2 -32 m
Material : Stainless Steel, Alloy Steel
Test Speed : 1 to 3 m / min

Test Task Features:

Longitudinal Flaw Defect Detection OD/ID
clockwise & Anticlockwise direction.

Transverse Flaw Defect Detection OD/ID
clockwise & Anticlockwise direction.

Flaw Detection in Angular Direction (Optional)

Dimension Measurement OD/ID

Wall Thickness measurement

Test Electronic

The Test System uses the
Socomate Ultrasonic Test Electronic
Model USPC 7100 LA



The Seamless Tube test systems is to test the defects Longitudinally & Transverse oriented defects & Wall thickness measurement including OD/ID based on the International Standard in general E 213, NPCIL or similar, etc. The Test Mechanism will have Immersion tank having various probes for the defects & wall thickness.

The Pipe will pass inside the Immersion tank with spirally rotating at a speed of up to 1000 mm/sec. The linear test speed based on the diameter 2 to 4 mtr/min.

The test data will be recorded in the Test Software specially designed for the application & generate various type of customized report format.

In India we have supplied such Test System to M/s NFC, M/s RMTL, etc in many quantities who is leader in the SS tube manufacturing in India.