

## ULTRASONIC CYLINDER TEST SYSTEM

### **Job Description:**

Dia Range : 200mm to 440mm  
Wall Thickness : 5 - 30mm  
Length : 800 -3000mm  
Material : Carbon Steel, Alloy steel

### **Test Task Features:**

Longitudinal OD /ID Defect Detection  
Transverse OD /ID Defect Detection  
Wall Thickness measurement

### **Test Electronic**

The Test System uses the  
Socomate Ultrasonic Test Electronic  
Model USPC 7100 MHA+



The Seamless Cylinder test systems is to test the defcets Longitudianally & Transverse oriented defects & Wall thickness measurement based on the International Standard. The Test Mechnism will have Bubbler Probe Mechanism for the defects oriented longitudinal, transverse & wall thickness.

The Cylinder will rotate at its own position & the probe mechanism will transverse across the length of the Cylinder for scanninf. The test scanning speed of up to 1000 mm/sec. The linear test speed based on the diameter 1 to 4 mtr/min.

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

In India we have supplied such Test System to M/s EKC & various retesting industries to test the Cylinder. Further we also exported the test system to EKC Dubai Plant.