

ULTRASONIC THICKNESS MEASUREMENT



FOR ALL YOUR INSPECTION NEEDS



Ultrasonic Thickness Measurement (UTM) is one of the techniques used to determine the condition and wall thickness of tanks, vessels, boilers pipelines etc.

The inspection scope of most process equipment will include the application of UTM at critical areas. Normally the purpose is to detect erosion/corrosion problems in an early stage.

If measurements are repeatedly made on a same location, after a certain amount of time corrosion speeds can be determined and for example be used for Risk Based Inspection purposes.

Equipment

Dacon has a big assortment of equipment that can be used for UTM measurement ranging from handheld thickness gauges to highly sophisticated A - and B-scan equipment.

Most likely to be used is the Parametrics 36/37 DL equipment, which can compensate for the thickness of paint layers and has a B-scan presentation. In addition to that a Dacon operator will have the availability of calibration blocks in at least three different materials (Carbon steel, Stainless Steel and Duplex).

