



QUAM UT600 Digital Ultrasonic Flaw Detector

Easy Operate, B Scan and AWS Functions, can show the crack position clearly. Li-battery power supply can working more than 10 hours. English version.

A. Introduction

Digital ultrasonic flaw detector UT600 can quickly, easily and without damage, accurately detect, locate, evaluate and diagnose various defects inside the workpiece such as cracks, welds, pores, sand holes, inclusions, folding, etc. It has been applied for electric power, petrochemical, boiler and pressure vessel, steel structure, military, aerospace, railway transportation, automobile, machinery and other fields. It is an essential instrument for the non-destructive testing industry.

B. Advantages

- High-precision quantification and positioning to meet the requirements of near and far distance detection;
- The near field blind zone is small, meeting the requirements of small diameter and thin wall pipe inspection;
- Automated calibration the sensor zero, Offset and
- Velocity;
- Automated display precise flaw location(Depth d、 level
- p,distance s,amplitude,sz dB,φ);
- Automated switch (Depth d,level p,distance s);
- Automated gain, Peak Hold and Peak Memory;
- Automated video the detecting process, no-limited on the time;
- 500 independence channels(can expansion), any criterion can be input freely, we can work in the scene without test block;
- Big memory of 500 A graphs;
- DAC、 AVG curves;
- 14 built-in detection standards;
- Can input any criterion freely;
- Transmit pulse width and intensity are adjustable;
- B Scan function;
- Powerful PC software and reports can be export to excel;
- The embeded software can be online updated;
- 260,000 color super bright display, adjustable in brightness, suitable for working environment with strong light and low light;
- Li battery, continue working time up to 10 hours;
- Electronic clock calendar;
- High-speed capture and very low noise;
- Automated calculate the size of the flaw with wide bottom type in AVG function;
- Two gates setting and alarm indication;
- Gate and DAC alarm; Acoustic-Optical alarm