



FEATURES

Touch key-pad set and adjust all parameters

Welding inspection simulation map

Large thickness reading display

DAC curve with DAC alarm

Curve DGS (optional)

Positive, negative, and minimum depth alarms

Filled waveform trace display

Peak or Flank measurement

Freeze and Peak memory mode

Automatic calibration

Pulse repetition frequency control

Displays sound path value, surface distance and depth to flaw in angle beam inspections

Connects to PC via USB cable to download data and make certificates

Separately Gate A and Gate B setting with alarm

TECHNICAL SPECIFICATIONS

Calibration range: From 25 to 1000 mm (steel long)

Sound velocity: 2 fixed values (3230m/s,5920m/s) and adjustable in the range 1000 to 9999m/s in steps of 1m/s

Probe delay:	0 to 2000 mm
Gain:	110dB, adjustable in steps of 0.1/1/2/6/12dB
Fine Gain:	0.1 dB
Frequency range:	0.5-10 MHz wide band
Pulse repetition frequency:	10-1000 Hz, depending on the set calibration range and the probe delay for adjustable
Test methods:	Pulse echo mode and Thru mode
Pulse Voltage:	300 V negative spike
Damping:	120 ohm
Echo presentation:	Full wave
Suppression:	Linear, 0 to 90% screen height adjustable in steps of 1%, status indication on the display
DAC:	Recording of up to 8 reference echoes, 40dB dynamic range, display of the DAC curve 3 or 4 DAC curve can be setting
AWS mode:	Automatic 50% and 80% selectable and D reading
Data storage:	980 A-scan Trace Data in the FLASH memory, with additional alphanumeric identification and directory function
Units of measure:	mm or inch
Interface:	USB
Probe connector:	Two LEMO 1 connectors (BNC connector optional)
Power supply:	Removable 13.2Ah/ 3.7 V Li-ion Battery or mains supply via an external mains power/charger unit JBD15-A2S
Operational period:	Up to 10 hours with Battery (select LCD low bright)
Operating temperatur :	-5° C +65° C
Storage temperature:	-20° C +55° C (without batteries)
Display size:	110mm x 62mm (WxH)
Dimensions:	145mm x 210mm x4 5mm (HxWxT)

