

Sonagage IV



Specifications

PHYSICAL	
Weight:	230g (8 ounces)
Size:	76.2mm x 127mm x 31.8mm (3" x 5" x 1.25")
Operating Temperature:	-20° to 50°C (-4° to 122°F)
Material Surface Temp:	-20° to 537°C (-4° to 1000°F) Depending on probe use.
Thickness Range:	0.5mm - 508mm (0.020 - 20 inches). Depending on material, temperature and transducer selection.
Automatic Probe wear indicator:	(Transducer Attendant) Automatically informs the operator to replace the transducer. (Patent pending).
Backlight:	Light emitting diode. On/Off or Auto On, based on valid reading being taken or last key press.
Shut Off:	Auto time out (after X minutes user programmable after no-reading, loss or no keypress).
POWER SOURCE	
Battery Type:	2 x AA alkaline.
Battery Life:	Operates for 50 hours (20 hours with backlight on).
Display:	128 x 64 Graphics LCD monochrome.
Information Displays:	LoS, large reading while displaying min at the same time, velocity, zero, calibration, units, % battery life remaining.
Resolution:	0.01mm (0.001 ins).
Bandwidth:	0.5 - 20 MHz (-3dB).
Measurement rate:	4/sec
Units:	English/Metric
Warranty:	1 year warranty on parts and labour.
Casing:	Customised, splash proof (IP54), high impact plastic with rubber.
Shipping Case:	Hard plastics with high density moulded cut out for all accessories (optional)
Carrying Pouch:	Custom moulded pouch with wrist strap for left or right handed operators (optional)

Material	m/s	in/us
Aluminium	6350	.25000
Steel	5918	.23300
Stainless Steel	5664	.22300
Cast Iron	4572	.18000
Plexiglass	2692	.10600
PVC	2388	.09400
Polystyrene	2337	.09200
Polyurethane	1778	.07000
Custom	-	-

Applications include:

Tube & Pipe,
Tanks & Boilers,
Pressure Vessels,
Storage Tanks, Ship Hulls
Glass & Plastic

Standard Sonagage IV Series Kit:

UT Thickness gauge
DKS-537 twin crystal 5MHz 0.37"/9.52mm dia.
potted probe,
Operator manual
Cable
Couplant
Carry Case

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