

Sonagage IV



Specifications

PHYSICAL	
Weight	230g (8 ounces).
Size	76.2mm x 127mm x 31.8mm (3" x 5" x 1.25").
Operating Temperture	-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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Simplicity Capability Reliability

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