



# Sonagage IV

The Sonagage IV is ideal for the operators that test a few different materials regularly and contains 8 velocities of common materials and two velocities that the use can set using a simple software program.



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	-	-
Custom	-	-

Applications include:

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

**Simplicity | Capability | Reliability**

# Specifications

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

## 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

Distributed by:



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