



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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164, St-Jean-Baptiste
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