



Model 707 Doppler Test Fluid



Product Description

Model 707 Doppler Test Fluid is a reliable, stable, non-hazardous fluid formulated to mimic the acoustic and physical properties of human blood. Model 707 is intended to be used in conjunction with ultrasound Doppler Flow phantoms and pumping systems used to evaluate the system performance of a Doppler imaging system, currently available through ATS Laboratories or other manufacturers.

The speed of sound, viscosity and density of each batch of Model 707 Doppler Test Fluid is provided with a certificate traceable to the NIST.

Specifications

Type	Blood-Mimicking
Speed of Sound	1571 mps +/- 1%
Density	1.04 +/- 0.01g/cc
Viscosity	1.66 +/- 0.1 centistokes
Particulate size	30 micron +/- 3 micron mean diameter
Particulate concentration	1.7 +/- 0.1x10 ⁴ particles per cc
Packaged	1 Gallon 4 Gallons per case