



# Doppler Ultrasound: Physics, Instrumentation and Signal Processing

By David H. Evans, W. Norman McDicken



**Doppler Ultrasound: Physics, Instrumentation and Signal Processing** By David H. Evans, W. Norman McDicken

**Provides the Doppler ultrasound user with a firm grasp of its underlying physical principles.**

This book provides a sound theoretical basis for clinical users of Doppler ultrasound, and includes an up-to-date survey of the many new innovations that have been described as potentially useful for detecting, measuring and imaging blood flow.

This latest edition provides a major review of the technical literature on Doppler ultrasound plus two new chapters on Colour Flow Scanners and emerging Doppler techniques. In order to reflect the now widespread use of colour Doppler systems, the number of colour illustrations has substantially increased. The range and breadth of topics covered, ensures that this is an essential reference for Doppler enthusiasts whether from a medical, scientific or technical discipline.

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## **Editorial Review**

### **Review**

"...an essential component in the library of any serious worker in Doppler ultrasound." "...no other work comes close to this in the depth and breadth of technical and physical detail with which this topic is described." ---- *Physiological Measurement*, August 2000

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