

Special Topics (Medical Devices and Measurement)

- Introduction to measurement
 - Foundation of Measurement
 - The relationship between measurement systems and humans
 - Transducers and biosensors
 - Measurement of pressure and flow
 - Measurement of force and motion
 - Measurements of temperature, heat transfer and evaporation rate
 - Bioelectric and biomagnetic measurements
 - Chemical measurements
 - Optical and photonic sensors
 - Medical imaging systems
 - Remote Bio-sensing
 - Other diagnostic and therapeutic devices in medicine
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