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Product Name :
Automotive Sensor Technology Trainer

Product Code :
LBNY-0005-120000192



Description :

A control unit digitises the course over time, height and frequency of the sensor voltages to further process these actual values in the micro controller. This subject summary takes into consideration the fact that all electronic vehicles systems record the actual value of a partial system under consideration with sensors. Sensors convert non-electrical physical values like positions of actuators, temperatures, pressure, brightness, etc. to electrical voltage that is decrypted by a control device.

This is where the service workshop comes in, where the sensor-side is diagnosed by measuring technology. The present lab system provides real measured values for the intact and defective system by the diversity of practice-related sensors. In state-of-the-art vehicle systems, onboard-diagnosis is a standard. The reason for this is the fact that a control unit cannot actually recognise whether the sensor, its connection lines to the control unit or digitalisation in the control unit are defective. Workshop practice shows, however, that any input interferences recognised by the control unit are only formulated in very vague detail in the error storage.

Technical Specification :

Dimensions:
Height approx. 80 mm
Width 300 mm
Depth 265 mm
Weight approx. 1 kg

Laboratory Instrument India

