



Email : sales@laboratoryinstrumentindia.com

Product Name :
Pressure Transducer And TDC Sensor

Product Code :
LBNY-0005-12600014



Description :

The pressure transducer is directly exposed to the combustion chamber pressure when the spark plug is inserted. The spark plug itself retains its full functionality. For experiments using cylinder pressure indication on the test engine, the normal spark plug is exchanged for a modified spark plug. This modified spark plug is fitted with a micro pressure transducer. The pressure transducer is connected to the measuring amplifier in the electronic indication system. The core component of the pressure transducer is a heat resistant piezo-electric quartz crystal, which outputs a charge signal proportional to the pressure.

Learning Objectives/Experiments:

Cylinder pressure measurements on internal combustion engines.

Technical Specification :

Modified spark plug carrying the actual pressure transducer
Quartz pressure transducer
Spark plug.



Laboratory Instrument India

