

TRADUCER

Meaning: A transducer is a device that converts one form of energy, such as sound waves, into another form, typically electrical signals, for various applications such as imaging.

1. A transducer converts sound waves into electrical signals for processing.
2. In medical imaging, a transducer plays a critical role in capturing high-resolution images.
3. The engineer explained how the transducer detects changes in pressure and converts them into readable data.
4. Many modern devices use a piezoelectric transducer to measure vibrations accurately.
5. The research team developed a new type of transducer that enhances the sensitivity of environmental sensors.

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