Description

The Sensor Package is a comprehensive multi-sensor kit designed for education, research, and development in electronics, embedded systems, IoT, and automation. The package includes a wide variety of commonly used sensors, enabling hands-on experimentation, prototyping, and system integration across multiple application domains.

Package Contents

Each sensor type is supplied in **lots of 50 pieces per type**, covering the following categories:

- **Environmental Sensors:**
    - Temperature
    - Light
    - Barometric Pressure
    - pH

- **Motion & Position Sensors:**
    - Motion (PIR)
    - Tilt
    - Vibration
    - Gyroscope
    - Flex

- **Audio & Sound Sensors:**
    - Sound sensor

- **Proximity & Distance Sensors:**
    - Ultrasonic sensor
    - Hall Effect sensor

- **Chemical & Safety Sensors:**
    - Alcohol sensor
    - Gas sensor
    - Smoke sensor

Note: Specifications are subject to change, Photos shown above are Indicative, Actual Product can Vary.

Export Sales: +91-9829132777
India Sales: +91-9588842361

IT-2013, Ramchandrapura Industrial Area, Sitapura Extension, Jaipur-302022, India.

info@tesca.in
www.**tescaglobal**.com

- **Liquid & Level Sensors:**
  - Water sensor

- **Biomedical Sensors:**
  - Heartbeat sensor

- **Touch & Biometric Sensors:**
  - Touch sensor
  - Fingerprint sensor

- **Electrical Measurement Sensors:**
  - Current sensor
  - Voltage sensor

- **Mechanical & Load Sensors:**
  - Weight / load sensor

Applications

- Embedded systems and microcontroller projects
- IoT and smart system development
- Automation and robotics experiments
- Educational laboratory training and prototyping

Features

- Wide coverage of sensor technologies in a single package
- Suitable for repeated classroom, lab, and project use
- Compatible with common microcontroller and development platforms

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