

# Oxygen Sensor

**Model: HT21016**

## Introduction

The oxygen sensor is based on limiting current, made of  $ZrO_2$  electrolyte stabilized by  $Y_2O_3$  (YSZ), and is used for measuring oxygen for chemical-industry, metallurgy, communication, defence, hospital, food industry, environmental protection, oxygen depletion monitoring and controlling of oxygen in house, hotel, dancing hall, meeting room and other enclosed rooms.



## Specifications

Measuring rang (Accuracy)	0.1-25%O <sub>2</sub> (±2%FS) 20-75%O <sub>2</sub> (±2%FS) 50-95%O <sub>2</sub> (±2%FS) 100-1000ppm (±50ppm) 100-10000ppm (±100ppm) 1000-50000ppm (±1%FS)
Response time	<10s
Repeatability	≤0.5%FS
Heating Voltage	2.5-5VDC
Consumed power	≤3W
Average life	≥3 years