



By using world advanced thermal technology, our oxygen sensor (detector) is capable of testing oxygen and measuring temperature at the same time, it is mainly used in smelting and refining furnaces.



METAOM

ADVANTAGE: Easy operation, saves time and cost

PARAMETERS

Range of measurement

Liquid Steel temperature : 1450°C ~ 1750°C
Oxygen electric potential : -200 ~ +350mV

Oxygen range : 1 ~ 1000ppm

ACCURACY

Oxygen Battery 1600°C : $\pm 2\text{mV}([\text{O}] > 1000\text{ppm})$
 $\pm 1.5\text{ppm}([\text{O}] > 10\text{ppm})$

Thermocouple accuracy : $\pm 4^\circ\text{C}$

RESPOND TIME :

Oxygen battery : 6 ~ 8s

Thermocouple : 2 ~ 3s

Total : 10 ~ 12s

SUCCESS RATE IN:

Converter, Arc furnace : >85%

LRF, RH, DH, Tundish : >90%

All our products are certified to meet ISO/QS standards

Specifications may change without prior notice due to continuous development.