

Machinery

- Demagnetizer
- parylene coating
- Sub-Siere Sizer
- Oxygen content tester
- Producing Line

## Oxygen content tester OXA-II

### Main application:

Suitable for measuring total oxygen content in the steel, cuprum, zirconium, titanium, various alloys, ceramics and other minerals and also the oxygen content in the impurities.

### Technical Parameters

#### Main sensitive technical index:

- Analysis range: 0.0002%-0.5% (0.5g sample, measurement range could be extended by changing quantity of samples)
- Sensitivity: 1ppm
- Accuracy: 2ppm (low oxygen content) or 2% (high oxygen content)
- Analysis period: about 2 min
- sample: 5mm×8mm solid sample or powder sample (nickel foil is needed as cosolvent and container)
- Net weight: 120g
- Outline dimension: 45cm×68cm×56cm



### Main Characters

#### Instrument's features

1. Using pulse furnace power to control heating.
2. Automatically solve the problem of lacking cosolvent.
3. Portable and with self-examining function, thus convenient in checking and maintaining of instrument.
4. Manifold calibration methods: calibration on standard gas, or single point calibration on standard sample, or multipoint calibration on standard sample.
5. Various analysis ways: unimodal analysis, slop analysis, subsection analysis and component analysis.
6. Adopting Windows Operational System.
7. Real time display for analysis releasing curves
8. Operating with mouse and shortcut key.
9. Automatic data storing and statistics making.

#### Main Configuration

OXA-II mainframe, Printer, Analysis Controlling Software, Electronic Scale, Computer

## Infrared oxygen tester

Suitable for measuring total oxygen content in the steel, cuprum, zirconium, titanium, various alloys, ceramics and other minerals and also the oxygen content in the impurities

### Introduction to the apparatus

#### Technical Parameters

#### Main Technical Index

- Analysis Range:0.0002%-0.1%(0.5sample, measurement range could be extended by changing quantity of samples)
- Sensitivity: 1ppm
- Accuracy: 2ppm(low oxygen content) or 2% (high oxygen content)
- Analysis period: About 2 min
- Carrier Gas: argon(99.99%)
- Dynamic gas: normal nitrogen
- sample: 5mm×8mm solid sample or powder sample (nickel foil is needed as cosolvent and container)

### main characters

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