

Temperature and Oxygen measurement device Ferrotron OXYNET





Microprocessor controlled evaluation device performed in a dust- and splash-proof sheet metal enclosure for measurement in liquid metals.

Technical data:

- Available thermocouple types Pt10 (S), Pt13 (R), Pt30/6 (B)
- Measuring range for T / EMF 400°C 1820 °C / 400 to + 400mV
- Calculation of activity of oxygen (ppm)
- Calculation of carbon, of AL-addition or AL-soluble
- Bath level detection (option)
- Aluminium housing (type of protection IP65)
- Potential free contacts to control external horn and traffic lights
- Signal lights for indication of the measuring sequence built-in the front (4 LED)
- LED display, 2 lines with 6 decades, 30mm for T, EMF or Oxygen/Carbon
- Ready for networking, incl. printer control
- Serial data outputs (RS422 and Ethernet) with customised protocol
- Power supply 230 V AC (85-264V), 50/60 Hz or 24 V DC

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Equipped with our standard software a lot of features are possible. For example the following displaying variants can be used with the OxyNet (display at a connected PC):

Display of measured results

Charts of measured results

in second line (e.g. a(O) or EMF / a(O))

of T - and EMF - graph



Editor for the data protocol via serial links, easy to handle

Protokoll-Editor		2
Resultat		
Zett Bad Temperatur EMk Ergebnis		
Länge: 2 Bytes		Vorschau
Protokolibausteine	Optionen	
Daten fuer T Diagramm	Länge:	Automatisch
EMK Ergebnis	Oersaulgkeit.	0
Qualitaetsstufe fuer EMK Messung	Vorzeichen:	Kein Vorzeichen 👻
Max Delta EMK		
Kohlenstoff oder Aluminium Gehalt [%]	Optionen:	Keine
Kohlenstoff oder Aluminium Gehalt Berechnungs Status	Dezimaltrennzeichen:	•
Daten fuer EMK Diagramm	Tausendertrennzeichen:	Keins
Chargennummer		
Erzeugen und Anhängen	Fultzeichen:	
Haffe		OK Abbrechen

Formula for a(O), C% und Al% / Al (kg), easy to handle by the operator



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MINTEQ International GmbH, FERROTRON DIVISION, D-47228 Duisburg, Dr.-Alfred-Herrhausen-Allee24, email: ferrotron@minteg.com, www.ferrotron.com, Phone: +49-(0)2065-4236500, Fax: +49-(0)2065-4236501