



M-Net Ox Oxygen Measurement Instrument

MINKON M-Net Ox is a robust oxygen measurement instrument specifically designed for the exacting requirements of the modern molten metals industry. Offering networkability and connection to ancillary displays the unit is a versatile solution for control of the Steelmaking process.

Technical Data:

- Useable with thermocouple types: Pt10 (S), Pt13(R), Pt30/6 (B)
- Measurement Range 400°C-1820°C / -400 - +400mV
- Precision <1°C
- Calculation of oxygen activity and carbon content
- Option of bath level detection
- Housing – Die cast aluminium to environmental IP65 standard.
- Signaling of the measurement state via 4 front panel LED's.
- Result signaling via matrix digital display (2 x 30 mm)
(Large display via data interface optionally available)
- Complete signal output (potential-free contacts) for remote traffic lights and horn.
- Serial RS422 and Ethernet interface, timestamp available for reading, customer configurable data log
- Network compatible, incl. printer controller
- Simple parametrization via net or PC
- Dimension approx. 190 x 242 x 106 mm (W x H x D)
- Power Supply 230V AC (85V-264V), 50/60Hz or 24V DC



Using the available standard software package, the following editing and display variants are possible for the M-Net Ox when connected to PC.

- Display: State of measurement (LEDs in white-green-yellow-red) and matrix lines with temperature- and oxygen values
- PC-Monitor: Graphical display of the measured temperature- and EMF-curve