

Welding-gas Oxygen analyzer SGI-3

Analyzer to check the oxygen content of the protection gas

Standard equipment
SGI-3 analyzer
2 measuring ranges with front operated switch:
- Measuring range from -5000 up to 10 ppm oxygen in Argon or other inert gas
- Measuring range from -500 up to 10 ppm oxygen in forming gas (N_2/H_2/Ar/H_2) mit 7-10% H_2

Ceramic oxygen sensor with fast response time
Heating-up the sensor up to 727°C (heating-up time about 20 min)
Built-in powerful pump
LED-rows shows the actual oxygen content (scale)
Self-diagnostics with acoustic function alarm
Printer interface (dor data-documentation)
Adaptor for measurement on the pressure bottle
Oxygen-diffusion proofe-measuring gas hose
External measuring gas filter
Transport- and storage container

Advantages:
- Check of the protection gas to avoid discolorations
- High measuring accuracy (up to 1 ppm)
- Halfing of the purging time and the protection gas consumption
- More effective processing
- Measuring of both argon and forming gas
- Long lifetime of sensor

Recommended areas of use:
Discoloration on account of too high oxygen content when welding in stainless steel leads to deterioration of the anti-corosive properties; to prevent this it is necessary to check the oxygen of the protection gas with the analyzer

Accessories
Gap probe Ø 1,6 mm
Measuring gas hose
Back shielding gas hose 10 m
8 pin. DIN plug for signal output
Extension cable for signal output
Acoustic alarm with cable and plug
Option: measuring range 200 up to 0,1 ppm
Forming gas tools/forming gas system

Technical data	SGI-3
Dimensions lxwxh	250 x 180 x 250 mm
Mains voltage/ Frequency	230 V/50 Hz
Ambient temperature	0 bis 45°C
Reference gas 20,9% oxygen	stationary athmospheric air
Net weight	6 kg

Fronius
SCHWEISST BESSER



FRONIUS DEUTSCHLAND GMBH
Liebigstraße 15, D 67661 Kaiserslautern
Tel: +49/(0)631/351-27-0
Fax: +49/(0)631/351-27-30
E-Mail: sales.germany@fronius.com

FRONIUS INTERNATIONAL GMBH
Buxbaumstraße 2, P.O.Box 264, A 4602 Wels
Tel: +43/7242/241-0, Fax: +43/7242/241-3940
E-Mail: sales@fronius.com

Vertrieb Österreich:
Tel: 07242/241-3100, Fax: 07242/241-3490
E-Mail: sales.austria@fronius.com
www.fronius.com

FRONIUS SCHWEIZ AG
Oberglatterstraße 11, CH 8153 Rümlang
Tel: +41/(0)1/817 99 44
Fax: +41/(0)1/817 99 55
E-Mail: sales.switzerland@fronius.com

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