HANDY PURGE 100 SELF CALIBRATING WELD PURGE MONITOR

Measures oxygen levels down to 0.01% (100ppm)

Daonte
Tecnología Metalmecánica

The entry level, welders' toolbox monitor

Inert gas welding requires the exclusion of oxygen from the weld zone during the welding process. Prior to the welding process, the residual oxygen concentration must be reduced to a required minimum. The Handy Purge 100 is specifically designed to indicate oxygen concentration up to 0.01% and to exactly measure oxygen concentration up to 0.1%. Within this range, it is absolutely safe to weld and produce an oxygen-free weld seam (exceptions include special metals such as titanium, zirconium, etc.).

The Handy Purge 100 can be used both for continuous monitoring during the welding process and for taking samples. Routine inspections for quality control are extremely simplified using this device. The analyser works with all purge systems and argon welding systems. It is small, easy to handle and has a rugged enclosure.

Features and advantages

- Self calibrating
- Minimum waiting time. The device indicates exactly when the residual oxygen concentration of a purge gas is low enough to start welding.
- Reduced purge gas consumption. Exact monitoring of the residual oxygen avoids unnecessary purge gas consumption and allows producing oxygen-free weld seams
- Top-quality weld seams
- Top quality is guaranteed, as too early welding and hence porous, coloured or even charred weld seams can be avoided
- Duplex / stainless steel. The Handy Purge 100 can be used for all stainless steel, duplex and certain titanium welding applications
- Eliminates guess work



NEW AND IMPROVED



Plastic carry case box (HP100SCP7)



Replacement sensor (HP100SCS)

Technical specification

DESCRIPTION	MEASUREMENTS
Part Number	HP100SC
Measuring range	0.01 % - 20.9 % Oxygen (O_2) (100ppm - 209,000ppm)
Accuracy	at 20% ± 0.2% at 2% ± 0.02%
Dimensions	6" x 3" x 1" / 155 x 81 x 38 mm
Power source	Battery type PP3 9V
Display	LCD (Liquid Crystal Display)
Weight	0.5 lbs. / 0.20 kg
SHIPPING WEIGHTS AND DIMENSIONS	
Dimensions	9.05" x 7.48" x 1.96" / 230 x 190 x 50 mm
Weight	1.5 lbs. / 0.60 kg

The kit consists of:

- Handy Purge 100 Monitor
- 1 m hose with flow adapter
- Stainless steel probe
- Vacuum hand pump
- Plastic carry case
- Instructions
- Calibration certificate

