

Most Advanced Calibration and Accuracy

Argweld PurgEye 100 IP65 Robust Presentation Storage Carrying Case

The Argweld® PurgEye® 100 IP65 Weld Purge Monitor® is shipped in an attractive, robust carry, presentation and storage case to maintain the instrument in good condition and to keep it together with all accessories.

Argweld® PurgEye® 100 IP65 Weld Purge Monitors® can be used with any pipe welding system or any weld purging chamber or weld purging enclosure.

The sensor is easy to replace and calibrate yourself using the advanced calibration features of the Argweld® PurgEye® 100 IP65 and the specially written algorithm that provides extreme accuracy at 0% where it is especially important for weld purging.



Argweld® PurgEye® 100 IP65 Weld Purge Monitors® can be used as a continuously reading instrument with free flow of the purge exhaust gas across the sensor or as a sampling instrument with the hand vacuum pump extracting samples from the purged volume, as and when desired.

Supplied with

2 x AA batteries

Leak tight stainless steel probe for sampling

2 meters of gas sampling hose

Sampling bulb (vacuum pump)

Carry strap for neck or wrist

User instruction booklet

Storage and presentation case

Calibration certificate for the purpose of Quality Control Procedures and Management Systems

Argweld® PurgEye® 100 IP65 Weld Purge Monitor® Accuracy Range

Measuring Range: 20.94% down to 100 ppm oxygen

(100 ppm to atmosphere)

Size: 94 mm (top width)

58.5 mm (handle width)

199 mm high (from bottom to top of eyelet)

63 mm deep (with flow adaptor)

44 mm deep (without flow adaptor)

Power: Battery type 2 x AA (included)

Scale: LCD (Liquid crystal display) 24 mm

(Old Argweld® Weld Purge Monitor® Mark V Model 17 mm)

Weight kg 0.870 kg

Argweld PurgEye 100 IP65 Weld Purge Monitor Replacement Sensor Packs Increase Weld Purge Monitor® Sensor Life Significantly

The PurgEye® 100 IP65 Weld Purge Monitor® has a unique sensor, which measures the precise oxygen level being drawn across it.

A sealed sensor is provided with the PurgEye® 100 and replacement sensors are available individually.

You may have noticed that your spare or replacement PurgEye® 100 sensors are being shipped in new packaging. The packaging is a way to increase the sensor life significantly.

The sensors are packaged inside a small, sealed compartment to prevent oxygen from entering, keeping it inert until the package is opened for use. Once a tiny amount of oxygen inside the sealed volume has been consumed, a partial vacuum has been created leaving the residual atmospheric nitrogen behind that protects the sensor.



The new packing of the PurgEye® 100 sensors ensures the average life is raised close to 20 months or more.

PurgEye® 100 Weld Purge Monitor® not only have a "low sensor" warning signal, which normal oxygen monitors do not have, but there is now a guarantee that when your replacement sensor arrives that it will last much longer than any other oxygen monitors.

Spare sensors are sold as a single unit or as multiples subject to preference.

In addition to increased life, this new sensor packaging affords an extra degree of protection to the special contacts and the sealing membrane on top.

The packaging will protect the sensor from scuffs and damage during transit and will keep it clean during storage.

Other sensors in the industry have a low long life. They start to deplete immediately after manufacture. It can then take many months before they are put into use. The average life of most other sensors is then a short 10 – 12 months.

Our PurgEye® 100 unique sensors with this unique packaging give a much longer life of 20 months or more.

HFT® are constantly considering the needs of the customer. By using our scientific knowledge and background, we are able to develop and innovate new ideas to ensure and help the customer save money, always.

The old MKV sensors are still available as replacements. These sensors are not sent in sealed packs as they have a plastic cap to stop oxygen damaging the sensor. Take a look at our PurgEye® 100 exchange scheme and trade in your old MKV monitor for a great price.