
Orbital Welding Oxygen Analyzer ORB 1001

When using the orbital welding process, the most effective way to ensure a consistent and clean internal weld profile is use a back purge with a very low oxygen concentration. The only way to ensure that this oxygen concentration is low enough is to use an accurate measuring instrument.

In the past manual welders often used formulas with time, flow rate and volume which give very rough indications and which are not precise enough for many applications.

Even simple and low priced measuring units are no longer matching the requirements in Pharmaceutical, Biotechnology and Semiconductor Industry.

With the ORB 1001, ORBIMATIC has designed a system, which works with high precision but nevertheless is very easy in operation and very economically priced.

Furthermore the ORB 1001 allows optionally interfacing with all ORBIMAT C power-sources with several possibilities of process controlling as well as PC interfacing.