



Oxymat launch a New Medical Oxygen System in Düsseldorf November 16-18 2011

by Jesper Sjogren, CEO Oxymat Group



Once again Oxymat is setting the bar high in the PSA industry. This time our R&D team has worked hard since beginning of 2011 to develop the "Ultimate Medical Solution", and I can declare we did it, once again.

When the European pharmacopeia was updated early 2011 it became possible to market and sell oxygen PSA systems to European hospitals with a purity of minimum 93 %, provided certification like Medical Device Directive (MDD). Oxymat holds MDD since 2007 until the change in pharmacopeia only a few EU countries accepted the technology.

It became a clear goal for Oxymat to provide the ultimate technology on the market, as we saw too many relative simple but dangerous PSA solutions on the market provided from a large number of very small companies in the PSA business.

It is time to set the standard higher on this market, and so we did. Meeting the launching deadline November 13th, Oxymat presents a system that is already proven under harsh conditions in Afghanistan, the system that in tough field conditions is known as the system that never fails", consists of the following elements:

- 1-2 PSA systems
- 1 central control Unit
- 1 cylinder back up system
- 1 optional Cylinder Filling Device

The PSA system you already know, new is that they are equipped with correct medical filtration, but what is even more interesting is that a common bus control communicate

with the central control unit in order to secure start up and shut down signals when needed.

The central control unit is the heart of the system, it controls each PSA so they will deliver accordingly to their full capacity, it will be able to do automatic cylinder filling for the remaining flow that is not used in the hospital pipeline system. It will automatically connect a back-up cylinder system

if needed, and it will keep track on remaining stock of oxygen in the batteries.

We offer a modular design, which is easily installed with any existing oxygen supply, it be cylinders, cryogenic or other PSA systems. Our highly advanced central control system carefully operates the system making sure your desired oxygen quantity and quality is supplied always.

Further features include:

- Full independency
- Full automation
- 24/ – 365 days operation
- Full compliance with European Pharmacopoeia and ISO 10083
- Full compliance with MDD (medical device directive), PED (pressure equipment directive) and CE medical certification

The cylinder back up system is manufactured by Oxymat too and offers a large number of features, as automatic vacuum cleaning of bottles, automatic filling, automatic change over between two banks of oxygen etc.

The optional cylinder filling option even provides the possibility to fill cylinders for external use. Supplying ambulances, homecare, hospital beds, etc. the Oxymat system fills any standard cylinder on the market.

With the launching of this medical system Oxymat becomes a full scale supplier of oxygen equipment to the medical sector.

Oxymat Medical Oxygen System: The wise choice – the safe source!

OPAS - Serving the Electronics Industry

by Henrik Stendevad,, Oxymat Sales & Marketing Manager

High purity Nitrogen protects the soldering processes from oxidation, and leaves a clean, durable solder point resulting in increased product quality.

We appreciate the industry trends dictating smaller components and better quality and to serve the needs we proudly present the new member of our product portfolio; the OPAS (Oxymat Purifier Action System).

This new Oxymat technology puts you in the front seat when combining high quality Nitrogen demand and low production cost.

The OPAS is an add-on, action based technology, purifying Nitrogen from 99.5% to 99.9999%.

The OPAS product line ranges from 50 Nm³/h to 1000 Nm³/h consuming only 0.39 kW/m³ Nitrogen. Depending on the feed gas inlet pressure, an outlet pressure of up to 9 bar is achievable.

OPAS can easily be added to and existing nitrogen installation and therefore a logical choice for applications requiring 1- 100 ppm.



Iraq Medicare 2011

by Miroslav Simovic, Oxymat Sales Manager



Iraq Medicare is the premier International Healthcare Exhibition serving Iraq. It sets high standards in the industry by offering a professional setting that allows companies from Iraq and around the world to showcase their latest healthcare products, equipment and services.

Key visitors count doctors and other hospital personnel as well as purchasers and health sector professionals from the Iraqi - Kurdistan Region and the rest of Iraq.

This region has a lot to offer and during the last few years, Iraq has attracted massive interest from international traders in all sectors.

Oxymat realize the opportunities in this region and of course was well represented in the exhibition.

Our main objective was to establish knowledge of Oxymat and Oxymat generators and the reliable, low costs solution it is. We exhibited our oxygen generators and our advance control units,

demonstrating the control panel with all operation features.

Our stand was well visited and we appreciate the time and effort of Mr. Talal from company EDK - Oxymat distributor in Iraq.