

Press Release**Date of Issue:** October 2011**SEMENCO TOPS UP MAINTENANCE EFFICIENCY WITH PORTABLE OXYGEN CHARGING STATION**

When servicing aircraft between flights, in a fast-paced and busy environment, it is important that ground staff are provided with the correct equipment to carry out their jobs in a safe and timely manner. Regulation stipulates that aircraft O₂ cylinders cannot be charged on the aircraft, resulting in the need for the cylinders being sent back to the suppliers to be refilled at great cost and delay.

Semenco, a leading UK engineering company providing a range of ground support and access solutions for the aviation maintenance market, has developed the Semenco Oxygen

Therapy Charging Station to eliminate the need to take the O₂ cylinders off-site for recharging. The station has been designed to charge portable therapeutic oxygen cylinders rapidly within the airport maintenance area, greatly improving time and cost efficiencies.

All airlines have a duty to provide passengers with emergency onboard oxygen supplies in case of an accident or illness. During routine maintenance procedures these cylinders are refilled by ground maintenance staff, either off-site or on-site. The Semenco Oxygen Therapy Charging Station allows the individual cylinders to be taken away from the aircraft and refilled in the airport maintenance depot by simply supplying oxygen from an external source. The easy to use and manoeuvrable Oxygen Therapy Charging Station allows engineers to charge up to four cylinders at a time, offering the ability to service several cylinders within the same area and a cost-effective and efficient solution to recharging the oxygen cylinders airside.

In addition to providing engineers with a flexible piece of maintenance equipment, the Oxygen Therapy Charging Station offers additional safety. It has been designed as a containment unit to protect workers from the hazards of working with pressurised oxygen. In the event of a sudden release of gas from either the O₂ therapy cylinder or the connection pipe between the charging manifold and cylinder, the leaking gas will be contained in the cabinet and vented through the vent holes.

The portable unit complements the extensive range of ground support equipment designed and manufactured by Semmco and used across the world.

-ENDS-

Notes to editors

Photo Caption:

About Semmco:

Founded in 1992 and operating across the UK and internationally, Semmco is a design and engineering company offering a range of specialist services for [access solutions](#), [ground support equipment](#), [respiratory protection systems](#) for all areas of industry and military and specific applications for the emergency services. Providing engineering design and consultancy for special projects and bespoke customer requirements, Semmco is committed to quality, safety and reliability throughout innovative designs, manufacturing safe and cost effective engineered solutions.

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This press release and an image are also available on The McOnie Agency [website](#).

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