

PRESS RELEASE

ASCO makes "Industry 4.0" the new standard

New service offering thanks to connected dry ice technology

ASCO CARBON DIOXIDE LTD now offers its customers additional digital products for their dry ice production. With the launch of the "i-Series product line", interconnectivity and IIoT (Industrial Internet of Things) are entering the field of dry ice production with ASCO equipment. Thanks to the use of sensor components and state-of-the-art communication technology, ASCO offers a wide range of services in the areas of remote access, remote data and remote management for dry ice plants of the i-Series line.

The services of the package "Basic" are now available. Subscribers receive a monthly status report of the condition of their machines and **recommendations for pelletizer maintenance**. This includes checking various **temperature and pressure parameters**. In addition, the **production quantity, production time** and **LCO₂ consumption** are recorded. Remote assistance is offered in the event of machine malfunctions and production interruptions. ASCO technicians can remotely assist the customer to correct the error or take the necessary steps to get the machines back into operation as quickly as possible. ASCO customers thus receive faster support and more transparency about their production parameters.

The service packages "Premium" and "Diamond" will follow soon. ASCO customers can access their personal ASCO platform at any time by login. In real time, detailed production data, machine status and error messages of their i-Series products are available. Furthermore, subscribers benefit from special conditions on spare parts and service assignments.

The ASCO dry ice machines P28i, P75i and BP420i are standardly delivered with the i-Series technology. The dry ice machine P15 is also available as i-Series model if required. For the models P28, P75 and BP420 which have been delivered before 2020, retrofit kits are available in order to allow older models to also become part of the networked dry ice production - with all the advantages for an efficient and transparent utilization.

Picture captions:



Figure 1 – ASCO i-Series product line

About ASCO

Swiss ASCO CARBON DIOXIDE LTD is a provider of complete CO₂ and dry ice solutions with customers worldwide. The product range includes CO₂ Production and CO₂ Recovery Plants, Dry Ice Blasting Units, Dry Ice Production Machines, CO₂ Cylinder Filling Systems, CO₂ Vaporisers, CO₂ Storage Tanks, CO₂ Dosing Systems for Water Neutralisation and various other CO₂ and dry ice equipment. Thanks to this broad product range and more than 130 years of practical experience in the wide field of CO₂ and dry ice, customers benefit from individual, complete CO₂ solutions from a single source. Since 2007 ASCO has been part of the international industrial gas enterprise Messer Group and is its competence centre for CO₂. By joining forces with the German BUSE Gastek GmbH & Co. KG, based in Bad Hönningen, in the year 2014, the expertise and product portfolio was pooled and significantly expanded. This applies in particular to the complex field of CO₂ recovery. In July 2016, the US subsidiary ASCO CARBON DIOXIDE INC (ASCO Inc.), based in Jacksonville/Florida, was founded. ascoco2.com

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