

Media Release

**DRYVAC SYSTEMS for Thin Film Coating Processes**

## Oerlikon Leybold Vacuum offers optimized Solutions for Flat Panel Display Manufacturing

**January 26, 2016 – Oerlikon Leybold Vacuum introduces a broad line of vacuum pump systems and accessories specifically optimized for thin film coating processes such as flat panel display applications. At the Semicon Korea, 27. – 29. January, Oerlikon Leybold Vacuum invites customers to learn more about these new innovative DRYVAC SYSTEMS. Delivering highest throughput with best cost of ownership (CoO) is our mission. This is achieved by highly efficient pumping mechanisms in combination with energy saving options e.g. operating modes.**

Oerlikon Leybold Vacuum leads the way in the development of complete vacuum solutions for all coating applications. The company's expertise is unequaled in understanding the technical requirements and support needs of your business.

The result is an optimized range of standard components featuring compact designs, supreme technical standards and outstanding reliability. The compact and smart vacuum solutions consist of high vacuum, booster / dry pump combinations, as well as control devices, if required.

Standardized Systems based on DRYVAC dry screw pumps in combination with roots blowers from the RUVAC WH family are the optimal solution for flat panel display application like fast load lock, transfer and deposition processes. They offer the fastest pump down times with the highest pumping speeds in their class. By standardization, Oerlikon Leybold Vacuum achieves highest user friendliness of the offered system. The major customer benefits are standardized interfaces such as electrical connections, purge options and/or cooling water, paired with easy maintenance access and a very convenient backup pool handling.

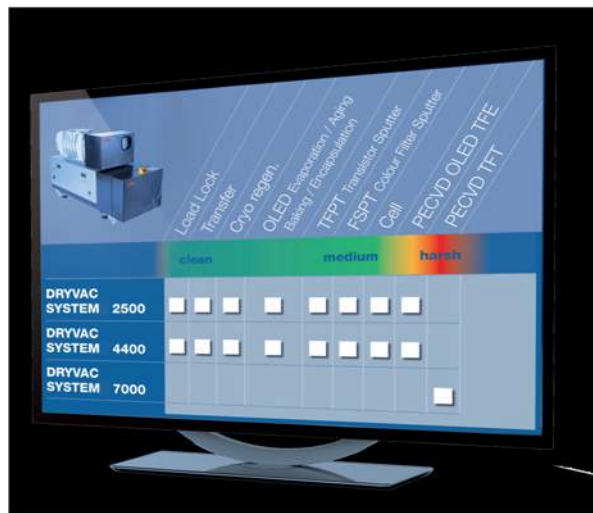
**Major processes in which these systems excel:**

- Load Lock / Transfer
- Transistor Sputter TSPT / Color Filter Sputter FSPT / Cell
- OLED Encapsulation / Evaporation / ...
- Transistor TFT-PECVD / Thin Film Encapsulation TFE-PECVD
- VCD Photoresist coater



DRYVAC Systems, copyright Oerlikon Leybold Vacuum

SYSTEM 2500		<b>DS 2545-U / DS 2565-U</b> Dry fore-vacuum pump systems especially designed for load lock and transfer chambers of TFT and color filter sputter tools, cell and OLED. The pump systems have highest efficiency and pump down performance in their class.
		<b>DS 2545C-F / DS 2565C-F</b> Dry fore-vacuum pump systems for transfer chamber and process applications with broad operating window due to frequency converter.
SYSTEM 4400		<b>DS 4465-U</b> Dry fore-vacuum pump systems especially designed for load lock and transfer chambers of TFT and color filter sputter tools, cell and OLED. The pump systems have highest efficiency and pump down performance in their class.
		<b>DS 4465C-F</b> Dry fore-vacuum pump systems for transfer chamber and process applications with broad operating window due to frequency converter.
SYSTEM 7000		<b>DS 7060C-F</b> NEW - Dry fore-vacuum pump systems for harsh applications like PECVD. The systems have highest pumping performance in the market for saving investment and utility costs.



For further information, please contact:

Christina Steigler  
Corporate Communications  
T: +49 221 347 1261  
F : +49 221 347 31261  
christina.steigler@oerlikon.com  
www.oerlikon.com/leyboldvacuum

### About Oerlikon

Oerlikon (SIX: OERL) is a leading global technology Group, focusing on providing market-leading technologies and services for surface solutions, manmade fibers manufacturing, drive systems and vacuum pumps and components in growth markets. These cutting-edge technologies benefit customers by improving their product performance, productivity, efficient use of energy and resources, and also by contributing to a more sustainable environment. A Swiss company with over 100 years of tradition, Oerlikon has a global footprint of over 15 500 employees at more than 200 locations in 36 countries and sales of CHF 3.2 billion in 2014. The company invested CHF 121 million in R&D in 2014 and has over 1 300 specialists developing innovative and customer-oriented products and services.

Oerlikon Leybold Vacuum offers a broad range of advanced vacuum solutions for use in manufacturing and analytical processes, as well as for research purposes. The Segment's core capabilities centre on the development of application- and customer-specific systems for the creation of vacuums and extraction of processing gases. Fields of application are coating technologies, thin films and data storage, analytical instruments and classic industrial processes.