

## LUFFT TAKES OVER PRODUCT SEGMENT OF JENOPTIK SUBSIDIARY ESW AND EXPANDS METEOROLOGICAL PRODUCT PORTFOLIO

Backdated to 1st April 2014, the measurement and control technology company G. Lufft GmbH acquired the product segment of ceilometers from the Jenoptik subsidiary ESW GmbH. Lufft is now responsible for the production and development of ceilometers. Supporting this new development, the Stuttgart based Company has now established a branch in Berlin/Brandenburg.

“The completed product acquisition is an important milestone for LUFFT’s meteorological product portfolio to provide our customers with an expanded Lufft sensor technology selection to meet their requirements for meteorological measurement and monitoring. It is also a fitting outcome to the successful partnership between Jenoptik and LUFFT since 2011”, said LUFFT’s CEO, Klaus Hirzel of the acquisition.

### Meteorological expertise in snow and cloud height sensors supplemented



Source: Jenoptik AG

The series of ceilometer CHM 15k Nimbus continues with the same measurement technique and will be developed. The CHM 15k can measure up to 15 kilometers into the air and detects clouds and aerosol layers. In addition, the CHM 15k determines the degree of coverage and vertical visibility. With its particularly high range and sensitivity it measures extremely reliable and accurate. Users of the ceilometers are meteorological institutes and universities as well as weather services.



Source: Jenoptik AG

Lufft will also sell together with the new integrated Jenoptik product segment unit, the snow altimeter SHM 30 in future and thus to continuously expand the product portfolio in this area. The SHM 30 operates by using a laser and is thereby weather resistant and more reliable than ultrasound sensors. It finds its application in meteorological services in the energy and transport sectors, for monitoring snow load roofs and in ski resorts.

Due to the increasing demands on air safety, early detection of forest fires, sandstorms, volcanic eruptions and other meteorological hazards, as well as the focus on the fine dust regulation of the EU, Lufft expects a good investment and a successful future with the new technologies in the range.

The CHM 15K Nimbus ceilometer and the SHM 30 Snow altimeter sensor will be featured in our coming fairs InterMet Asia (Singapore, June 2014), METEOREX (St. Petersburg, July 2014) and on the Meteorological Technology World Expo 2014 (Brussels, October 2014).

**About ESW GmbH and the business segment sensor systems:**

The ESW GmbH, based in Wedel is a solutions provider with more than 45 years experience in the development, manufacture and implementation of technologically sophisticated and innovative products and services in the civil and defense technology. As part of the Defense & Civil Systems division the portfolio ranges from weapon stabilization for military vehicles, diesel-electric emergency driving unit for trolley buses up to radomes and optical sensors.

The business segment sensor systems currently based in Jena was, in 2009, incorporated into ESW GmbH, founded in 1994. Previously it was part of the Jenoptik Laser, Optik, Systeme GmbH, a subsidiary of Jenoptik Optical Systems. The portfolio of ESW GmbH ranges from infrared cameras on civil and military laser rangefinder to optical sensors in meteorology in the form of snow height sensors and clouds altimeters. Their data allow detailed and forward-looking statements also on climate changes.

**About G. Lufft GmbH:**

Since its inception by Gotthilf Lufft in 1881, G. Lufft GmbH has been the leader in the production of climatological measuring equipment. Lufft's capacity for innovation and precision has helped its products establish the solid reputation they enjoy around the world. The company's products can be found in use wherever variables such as air pressure, temperature, relative humidity and other environmental factors need to be measured. In line with its commitment to the company motto of "Tradition and Innovation," electronic products have now joined their mechanical ancestors and show the same Lufft quality in a digital age. Together with its subsidiaries in the U.S. and in China, the company has 95 employees. In November 2012, G. Lufft GmbH was awarded the German Standards Brand Prize and was named a "Brand of the Century". More information can be found at: [www.lufft.com](http://www.lufft.com).

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