**IFC 100, MAC 100 and SMARTMAC 200 available in stainless steel housing**

* Hygienic housing option for converters/operating units for OPTIFLUX electromagnetic flowmeters, OPTISENS and SMARTPAT analytical sensors
* No contamination pooling or harborage areas
* Ingress protection classes IP66/67/69

**Text:**

Duisburg, October 16, 2017: Signal converters IFC 100 and MAC 100 as well as SMARTMAC 200 operating unit are now available in stainless steel housing. Mainly targeted at applications in the food and beverage industry, they can be also used where high corrosion resistance is demanded, e.g. in salty environments.

Offering an alternative to the standard aluminum housing, the new stainless steel housing is “hygienic by design” without pooling or harborage areas where contamination buildup could occur. It features a non-glass display to comply with zoning criteria in food and beverage applications, 2 mm/ 5/64" thick 1.4404/316L stainless steel for superior strength, and ingress protection classes IP66/67/69.

IFC 100, MAC 100 and SMARTMAC 200 are based on the same platform, sharing the same HMI and housing options: IFC 100 is a signal converter for electromagnetic flowmeters in standard hygienic applications. Typically combined with hygienic OPTIFLUX 6000 flow sensor, the new stainless steel housing option offers a cost-effective alternative to the higher positioned IFC 300. MAC 100 is a signal converter for OPTISENS analytical sensors, e.g. for hygienic conductivity sensors OPTISENS IND 7000 and OPTISENS COND 7200. SMARTMAC 200 is an operating unit for configuration and calibration of SMARTPAT analytical sensors that feature an integrated transmitter, e.g. hygienic sensors SMARTPAT PH 8570 and SMARTPAT COND 7200.

About KROHNE: KROHNE is a full-service provider for process measuring technology for the measurement of flow, mass flow, level, pressure and temperature as well as analytical tasks. Founded in 1921 and headquartered in Duisburg, Germany, the company employs over 3,700 people all over the world and is present on all continents. KROHNE stands for innovation and maximum product quality and is one of the market leaders in industrial process measuring technology.

**Picture 1:**

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**Caption:** Now available in stainless steel housing (from left to right): signal converters IFC 100 for OPTIFLUX series of EMF, MAC 100 for OPTISENS analytical sensors and operating unit SMARTMAC 200 for SMARTPAT analytical sensors

**Picture 2:**



**Caption:** Ingress protection class IP66/67/69 allows wash down with pressure cleaning

Issued by:

KROHNE Messtechnik GmbH

Ludwig-Krohne-Str. 5

47058 Duisburg

[www.krohne.com](http://www.krohne.com)

Press contact:

Jörg Holtmann, PR Manager

Tel: +49 203 301 4511

[j.holtmann@krohne.com](mailto:j.holtmann@krohne.com?subject=ISA%20Messe-Award%20für%20UFM%203030)