

## KROHNE offers solution for accurate bulk measurement in the oil and gas industry

KROHNE offers a solution for accurate bulk measurement in the oil and gas industry and have extended their range of Coriolis mass flowmeters, with the launch of the OPTIMASS 2000.



**OPTIMASS 2300**

The popular twin tube design of the OPTIMASS 1000, has been extended to provide accurate measurement for the bulk market, All wetted parts of the OPTIMASS 2000 are manufactured from NACE compliant duplex Stainless Steel (ANS 31803) and the meter is supplied with standard flanges up to 1,500 lbs (12”).

PED approval offers process pressure capability up to 150 barg and the OPTIMASS 2000 also offers flow rates from 7,000 Kg/h to 1,200,000 Kg/h, with a measuring accuracy of 0.1%. In addition, the stainless steel outer cylinder has a burst pressure in excess of 100 bar.

Aimed at the oil and gas industries, the low flow rate capability of the OPTIMASS 2000 prevents the build up of static in hydrocarbons, whilst at the same time offering accurate measurement. The low flow rate capability is also a benefit for custody transfer applications.

The OPTIMASS 2000 uses the successful MFC300 converter and is available as a compact or remote version.

All signal processing is carried out by the MFC300 which converts the meter output to a MODBUS RTU communications signal and the “split architecture” of the MFC300

allows dual redundancy of all calibration data. The meter can also be supplied with DDC (Direct Digital Communications) where the application doesn't require a converter.

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