Significant Cost Savings!
FLEXIM clamp-on metering systems don’t require any pipe modification or process interruption ensuring full plant availability. Highly durable installation materials means high system longevity with zero maintenance costs. With a broad range of transducers that are fully interchangeable with each transmitter, it is possible to significantly reduce spare inventories and cover every application.

Fit & Forget!
FLEXUS® clamp-on meters are based on the non-contact Time of Flight measurement principle. In combination with rugged build design and solid pipe couplant (no gels or grease), FLEXUS® is virtually maintenance-free and ensures highest operational safety with no potential for leaks.

Results you can rely on
Matched, paired piezo crystal sensors as standard, along with patented high accuracy calibration, unique ambient temperature compensation and advanced signal processing ensure an unrivalled out-of-the-box accuracy, reliability and overall measurement performance. With FLEXIM zeroing procedures are not required as measurement drift does not occur.

FLEXIM stands for Flexibility
FLEXUS® can be used in virtually any industrial application, independent of pipe materials and dimensions (from several millimeters up to 12m diameter), temperatures (from -190 °C up to +600 °C) and pressure (no limitation).

Designed to Endure
FLEXUS® is designed to withstand the harshest environments. IP68-rated transducers can even be used in buried installations. Global hazardous area approvals and SIL certification ensure the best application fit.
Oil & Gas
FLUXUS® is used for hydrocarbon flow measurement in every process - Upstream, Midstream and Downstream - independent of pipe dimensions and internal pressurisation. In conjunction with the patented Wavelnector® mounting fixture, liquid flows can be measured in an unrivalled temperature range from -190 °C (for LNG) up to +600 °C (e.g. for refinery applications). With the FLUXUS® HPI meter, the non-invasive measurement principle allows for an accurate determination of the hydrocarbon’s API grade.

Chemical Industries
Measuring from the outside of the pipe means measuring from the safe side. This is especially important when it comes to the measurement of toxic and corrosive media such as acids or caustics. FLEXIM not only allows for the determination of volume but also mass flow rates, density and advanced concentration monitoring all in one non-invasive system, without maintenance requirements and ensuring unlimited plant availability.

HVAC
Energy efficiency starts with measuring. As it never affects supply in any way, FLUXUS® is the ideal measuring solution for thermal energy metering, whether it be for billing purposes in commercial buildings or industrial applications such as efficiency monitoring of heat exchangers. With its superior sensitivity for low flows, FLUXUS® is particularly suited to accurate measurement of thermal energy consumption in HVAC applications.

Water & Wastewater
Accurate and reliable flow measurement is mandatory for ensuring sustainability in our drinking water systems. FLUXUS® offers exceptionally precise bidirectional flow measurement over a wide turndown ratio, which is especially important when capturing low flow velocities at off-peak times for leak control and monitoring of DMAs. Moreover, the non-invasive system is not prone to deposit formation ensuring a long operational lifetime and can even be buried underground.

Power
Safe operation and security of supply are essential in power generation. FLUXUS® stands for absolutely reliable flow measurement without any interruption of supply. FLUXUS® is used to measure flow rates in large pipelines of hydro power plants, in the primary circuits of nuclear power plants as well as on boiler feed water lines at extreme temperatures.

Pharmaceutical, Food & Beverage, Semiconductor
FLUXUS® also plays out its full potential in hygienic and cleanroom applications. By measuring from outside the pipe wall, direct media contact and potential media contamination can be ruled out. The measurement system can also easily be applied on flexible tubes and hoses.

Mining
Where conventional meter technologies fail, FLEXIM offers the superior solution. Mounted outside the pipe wall and robustly engineered, FLUXUS® ensures reliable and precise flow measurement of process water with no decreasing performance and without any process downtime.

Please find your regional FLEXIM contacts at www.flexim.com