

spotOn U Non-Intrusive Corrosion Monitoring System

spotOn® U is a permanently-installed real time corrosion monitoring solution designed to operate in virtually any location. spotOn® U provides wall thickness and temperature information to identify corrosion trends in real-time, while reducing the need for intrusive tools and periodic inspection. Data is effortlessly sent in real-time to your dedicated server or to the shieldCube portal utilising encrypted GSM, WiFi or satellite links. Alternatively, data can be manually collected from the device. Corrosion engineers can utilise this information to establish the efficiency of inhibitors and remaining pipe wall thickness.

spotOn U technology has already been deployed around the world, with clients often utilising the systems as an alternative to corrosion coupon retrievals. This is especially true where there are unacceptable safety concerns, access is restricted or existing fittings are no longer serviceable. Cost effective, simple to install, and with the data straight to desk functionality from virtually any location in the world, these systems are fast becoming the preferred monitoring method for Oil & Gas operators worldwide. ***Demonstrations now available***

Simple

- Installs in 30 minutes — timed!
- Fully automatic software configuration and network connection.
- Works with existing IT systems or completely stand-alone

Reliable

- Automated sensing for minimal measurement error.
- Continuously self-checking.
- Remotely configurable to maximise battery life.

Real Time

- Data is available in real-time.
- Custom thresholds can be defined, and warnings are dispatched automatically.
- Remotely configurable to track fast-evolving events and test corrosion inhibitors.

Works Everywhere

- -10°C to 350°C (14°F to 662°F)
- Intrinsically safe, Zone 0, IP67 to IP69K
- submersible up to 300 metres.
- Buried
- Cellular, Wireless HART or satellite link

Process Measurement and Control Systems Limited (PMAC) was formed in 2000, offering Flow Assurance Services & Specialised Products to the Oil and Gas industry worldwide. PMAC covers a worldwide market and have gained a reputation for its innovative solutions, which include intrusive & non-intrusive corrosion monitoring services, cathodic protection and flooded member detection surveys of subsea pipelines & structures and laboratory/field technologies for scale, wax, corrosion and microbiology.