Process Measurement and Control (PMAC) was formed in 2000 to offer specialised products and services to the global Oil and Gas industry. With offices in Aberdeen and Singapore, PMAC covers a worldwide market and have gained a reputation for innovative solutions in the fields of Integrity, Oilfield Chemistry and Flow Assurance.

PMAC provide specialist internal corrosion monitoring services to the Oil & Gas Industry using industry standard Mechanical and Hydraulic access under pressure systems. Our services provide operators and their assigned Asset Integrity Groups with the critical internal corrosion information, which forms part of any effective Asset Integrity Management program.

PMAC use field proven monitoring technologies and techniques to suit a wide variety of applications, and apply them based on our client’s specific requirements. This may be traditional corrosion coupon and ER Probe monitoring, through to real-time non-intrusive UT wall thickness data logging.

PMAC’s commitment to service excellence, ensures our clients receive a unrivalled quality of service. From the initial enquiry through to completion of work scope, our continued provision of ongoing support makes PMAC a preferred corrosion monitoring partner.

Overview of Services

- Online and offline service, maintenance and replacement of intrusive corrosion monitoring devices (Coupons & Probes) from industry standard 2” high pressure Mechanical & Hydraulic Access systems
- Analysis and detailed reporting of weight loss coupons (corrosion rate, pitting rate, corrosion mechanisms)
- Probe data collection, interpretation, reporting and data management
- Corrosion Monitoring and corrosion control surveys of production / process systems, which includes supply of full system process flow drawings pinpointing monitoring, sampling and injection points
- Supply, Installation, programming and maintenance of corrosion monitoring systems, including data loggers, transmitters (wired, wireless) and associated monitoring equipment
- Chemical optimization support, including injection equipment installation/maintenance and side-stream deployment
- Microbiological monitoring
- CP drop cell survey
- Tailored project management, consultancy and field support

Our field services can be delivered worldwide and follow stringent safe working practices, procedures and risk assessments. All field, analytical and product supply services comply with relevant manufacturer guidelines and follow industry best practices and codes where applicable (NACE, ASTM, ASME).