



PGC1000

Experience the difference

Enjoy state of the art technology in a field proven design. With decades of experience in the process GC market, rest assured that ABB has the solution that is right for you. ABB invites you to experience the difference of the PGC1000. At ABB, our experience IS the difference.



Scan the QR code for more information.
abb.com/upstream





Field proven design

Experience the difference of the PGC1000's field proven design. The PGC1000 is based upon ABB's NGC-8206, the analyzer which set a new standard for natural gas custody transfer measurement.

With thousands of analyzers installed in the field, enjoy the peace of mind that comes with the knowledge and experience of ABB's Totalflow line of products. The PGC1000 requires:

- No shelter
- No instrument air
- Minimal utilities
- Minimal training

State of the art technology

The PGC1000 offers state-of-the-art technology. ABB's Totalflow product line consists of a team that has pioneered the development of a self-contained gas chromatograph (GC) module. It is a single module which contains all columns, detectors and switching valves. The entire assembly is switched out by turning one bolt. The GC valve contains no metal moving parts, equating to millions of cycles in between failures. While other companies are satisfied to use 40 year old detector technology, ABB's Totalflow product line is not. The PGC1000's TCD (Thermo Conductivity Detector) design incorporates cutting edge detector circuitry and sensors. These improvements allow the PGC1000 to boast noise levels and MDLs well below traditional TCD's.

Process GC experts

ABB's Totalflow Products have vast experience in the field of process chromatography. Our application chemists have over 60 years of experience developing applications for leaders in the oil and gas and petrochemical industries. Whether its HRVOC's, H₂S in Fuel Gas, Refineries and Gas Plants, Ethylene Plants or anything in between, we've done it!

With over 100 years of combined industry experience, our project managers are among the most experienced you will find for these applications. Whether it's questions about special software functions and calculations or sample conditioning concerns, ABB's Totalflow Products team has the experience in-house to handle all your PGC1000 needs.