

ABB MEASUREMENT & ANALYTICS | ANALYTICAL MEASUREMENT

PGC1000

When performance matters



Start to finish

When performance matters

Start with superior design

The PGC1000 is a field-mounted gas chromatograph (GC) capable of measurements of C1 through C9+, inerts, and H₂S in various Hydrocarbon Processing Industry (HPI) streams. It is perfect for measuring light hydrocarbon gases in locations where minimal space is available and a simple, reliable, low cost measurement is required. The PGC1000 offers unmatched valve performance and superior detector performance. ABB sets the standard in TCD performance, in terms of both noise and sensitivity.

Factor in the cost savings

Both hardware and software are designed to provide low maintenance through easily replaceable electromechanical modules. PGC1000 offers an initial accurate and cost-effective GC solution (requiring no shelter). It has lower on-going operational costs (lower carrier gas usage rates and power consumption). Greater process uptime can be achieved through quicker troubleshooting. The customer keeps saving and saving!

The right applications

Applications are designed for refineries and petrochemical markets. They include:

Single component refinery applications	Gas quality applications	Petrochemical gas applications
H ₂ S in fuel gas	Light hydrocarbon gas	De-methanizer
Trace and percent level analyzers for hydrogen, oxygen, moisture and CO	Natural gas	De-pentanizer
	Fast natural gas for boilers	De-ethanizer
		Propane/propylene split
		De-propanizer
		C4 paraffins/olefins
		De-butanizer
		Permanent gases
		De-butamer

End on outstanding customer service

At ABB, customer service is top priority. Our service technicians are here to provide you with field support and on-site training when you need it. We offer toll free phone support to assist you with your PGC1000. In-depth three day training is offered throughout the year. Video training is available on our website. Installation and commissioning, diagnostics, and remote servicing are available. Ask us how we can support your process analytical needs.



ABB Inc.**Measurement & Analytics**

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