

JCT



GROUP

You Are In Safe Hands

Air Water Process Measurements You Can Trust



**SAMPLE GAS
CONDITIONING**

**AIR QUALITY
MONITORING**

**LIQUID
SYSTEMS**

**PROCESS
SOLUTIONS**



JCT Analysentechnik

was formed in 1992 with the intention of providing engineered solutions to the gas sampling industries. Fast forward 30 years, **JCT** Group was formed with acquisitions and partnerships extending beyond gas sampling.

The new **JCT GROUP**

provides the same high quality and well-engineered products to broad range of industries. Our motto is simple: "*Provide solutions that people can trust*". With this philosophy, the **JCT** Group now provides solutions to ensure safety for our air and water. With its new acquisitions, the Group provides Gas Sampling Systems, Liquid Sampling Systems, Air Monitoring Systems and Analytical Products that can measure across broad spectrum of industries.

Günter Zimmer

General Manager
since 1992

Philipp Zimmer

Vice President
since 2018

Kunal Kothari

Vice President
since 2021

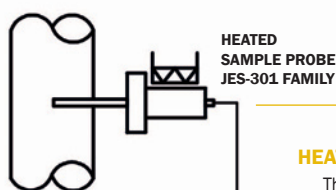
Sample Gas Conditioning You Can Trust

Since last 30 years **JCT** has been providing reliable and trust-worthy Gas Sampling and Conditioning Components for your process and emissions markets. These products are designed using our detailed application knowledge along with our partners inputs. We have recently expanded our product portfolio for our Gas Sampling Systems and continue to produce these products at our expanded facility out of Austria.



HEATED SAMPLE LINES

Well-operating heated sample lines are mandatory to achieve precise measurement results. The family covers temperature controlled as well as self-regulated and cut-to-length on site lines. It provides reliable operating temperatures above sample gas dew point.



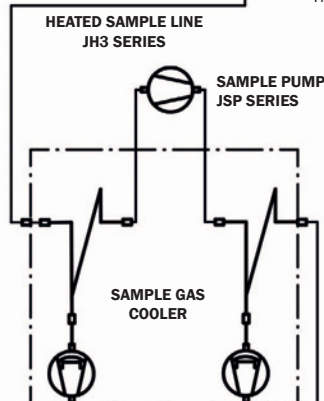
HEATED SAMPLE PROBES

The JES Family Heated Sample Probes cover all needs. From economical to complex solutions for heavy duty use in harsh conditions. The modular system will guarantee the perfect Sampling System for your process.



SAMPLE GAS COOLERS

The state of the art architecture of the JHEX-4 heat exchanger used in Sample Gas Coolers guarantees precise measurement results. Almost not measurable SO_2 and NO_2 loss combined with high capacity makes the **JCT** Coolers are the best choice for your sample gas.



SAMPLE GAS PUMPS

A low maintenance and low vibration Sample Gas Pump is key for a well-working gas analyzer system.



CONDENSATE ALARM

A reliable Condensate Alarm is critical to protect expensive analyzer equipment. The KW-1/2 offers reliable detection even for low conductivity condensate.



ACCESSORIES AND SPECIAL NEEDS EQUIPMENT

In addition **JCT** Gas Sampling provides a huge range of other products to handle your sampling and conditioning challenges.



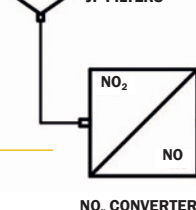
NO_2 TO NO CONVERTER

For an economical measurement of NO_x with NDIR analyzers the JNOX Family of NO_2 to NO Converters are a great solution. The very long life and high efficiency cartridge guarantee a convenient operation.



FILTERS

Additional filtration in the Sample Gas Conditioning System is important to protect analyzers. For example the JAF-1 water stop is a "last line of defense" for gas analyzers. In addition also fine dust and acid filters are recommended.







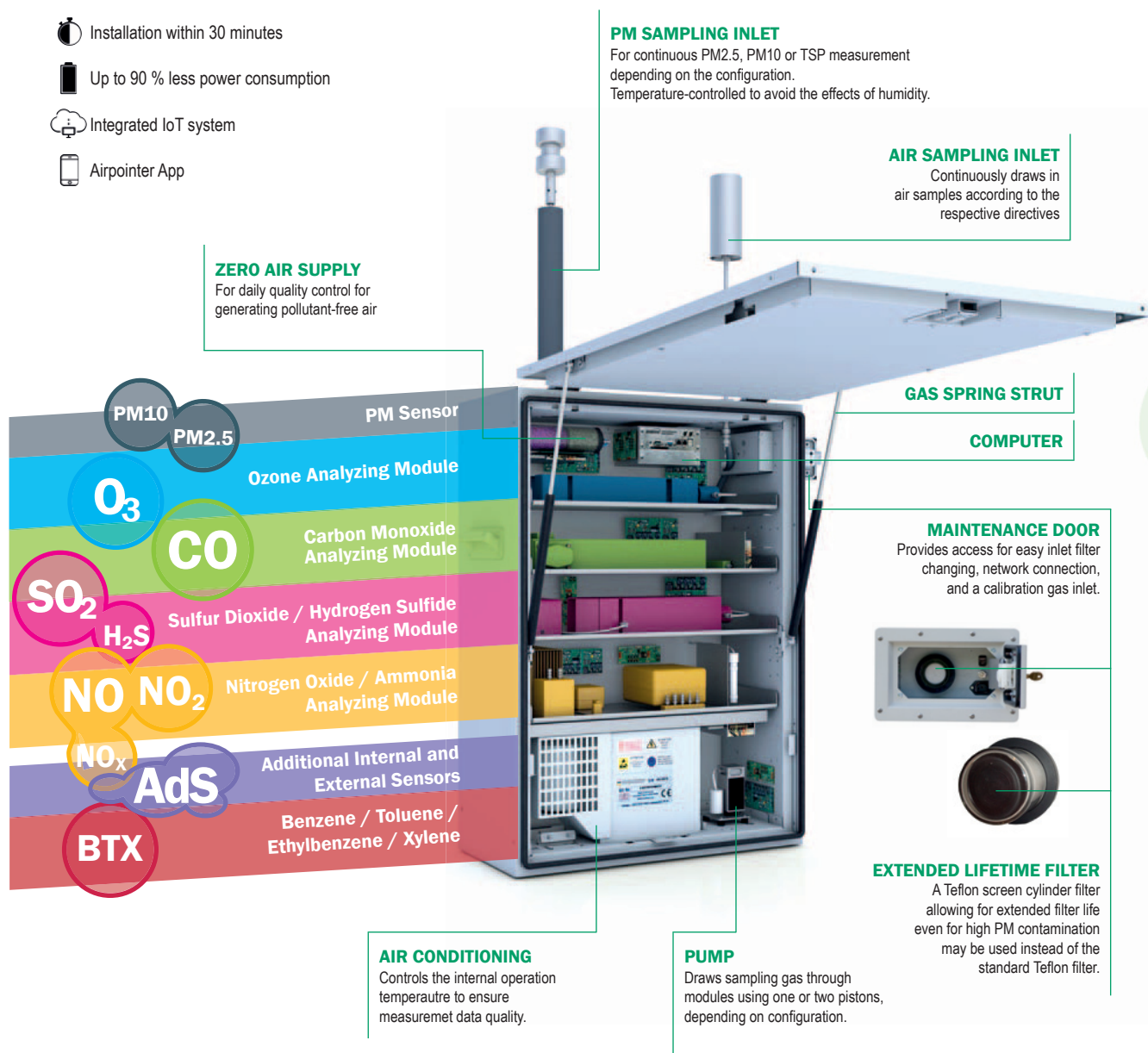
TO ONLINE GAS ANALYZER

Please visit our web page: www.JCT-gs.com

Air Quality Monitoring You Can Trust

Starting with the acquisition of mlu-recordum, **JCT** developed a state of the art, innovative AQMS solution in the markets. Breaking away from the traditional AQMS, **JCT** once again delivered a well-engineered product that helps customers reduce their cost of ownership without sacrificing any features/functionality and still meet all the EPA guidelines.

-  Installation within 30 minutes
-  Up to 90 % less power consumption
-  Integrated IoT system
-  Airpointer App

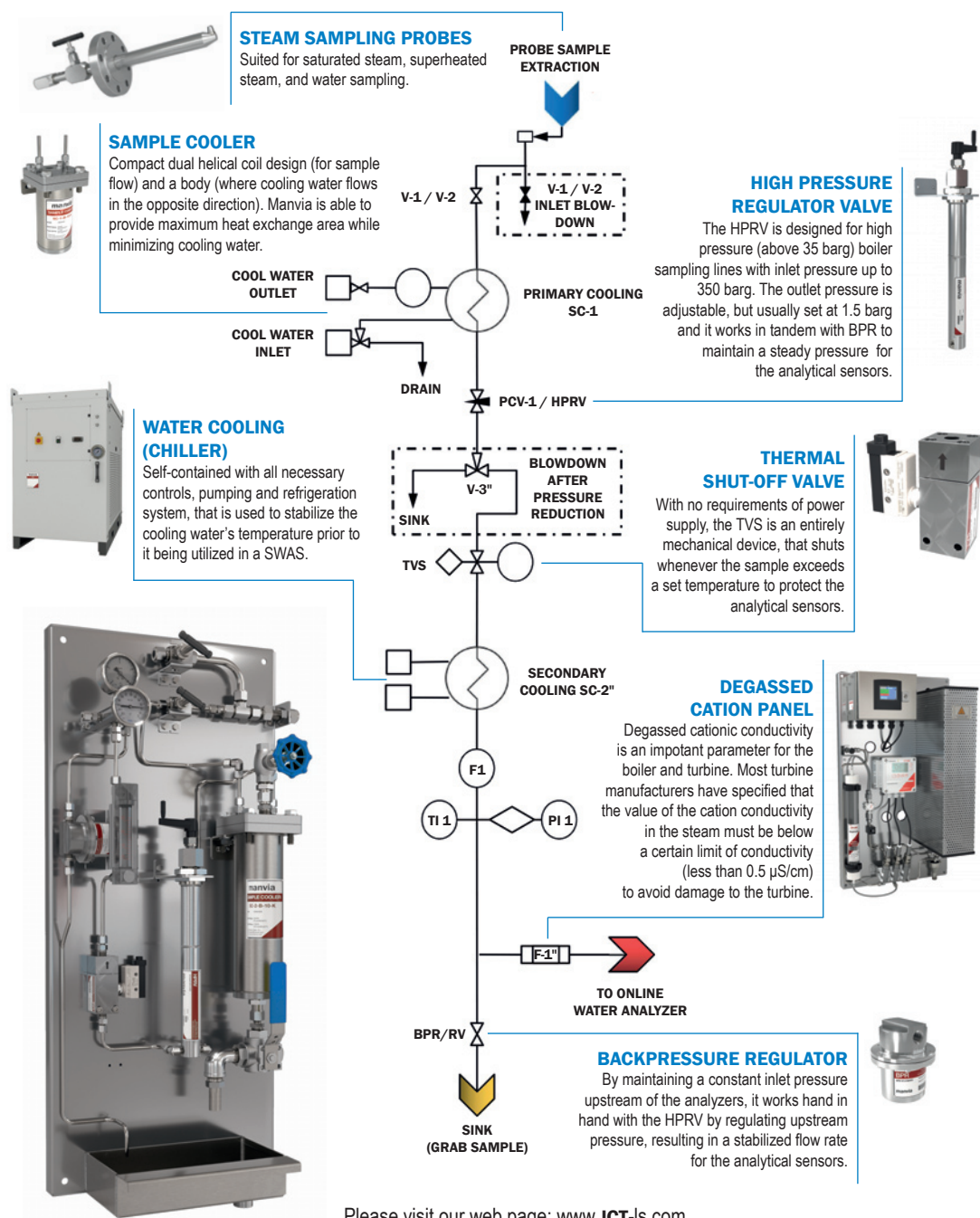


Please visit our web page: www.JCT-aq.com



Liquid Systems You Can Trust


Acquisition of Manvia, helped **JCT** to bring the same high quality and engineering in Liquid Sampling and Conditioning Systems. We specialize in standard and customized Liquid Sampling Systems and components which are built in our state of the art facility in Spain. From coolers to sample bombs and complete Manual Sampling Systems, we can provide the Liquid Sampling Components and Systems in almost all special materials to meet your process requirements.

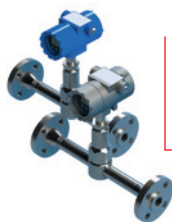
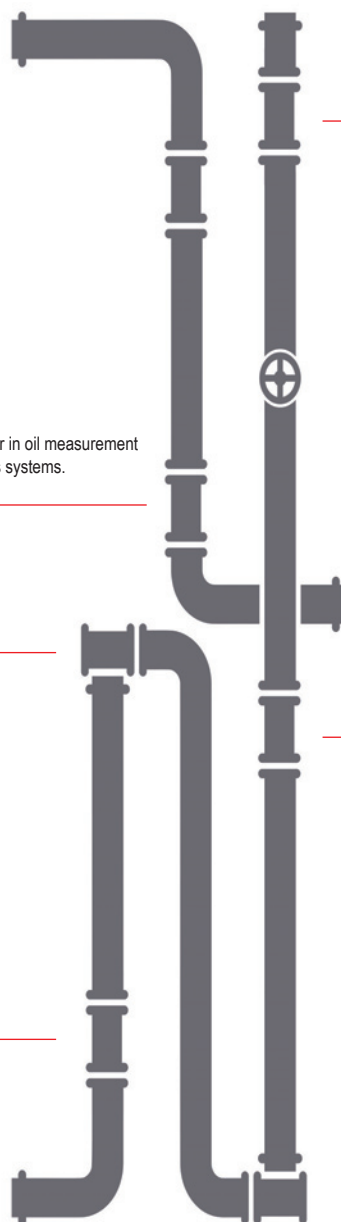


Please visit our web page: www.JCT-ls.com

Process Solutions You Can Trust

JCT Process Analytics division was formed with the intention of supporting our key partners with customized applications. Acquisition of Zelentech helped us to provide customized water in oil, BS&W measurements along with selected liquid applications as oil in water and colorimetric measurements. With the same philosophy of other **JCT** group companies, the **JCT** PA provides unique gas and liquid solutions to fill the product gaps of our key partners.

-  Solutions for all applications
-  Reliable measurement
-  High accuracy
-  Economical



BYPASS SYSTEM

ZT100 S series inline water in oil measurement designed for use in bypass systems.



HIGH PRESSURE

ZT100 F series watercutmeter / BS&W analyzer for online measurement in the main line. Also applicable for high pressure applications.



MULTIPLE

ZT100 I series water in oil monitor designed for multiple applications.

RETRACTABLE

ZT100 I series retractable for use directly in main line. Available as automatic retractable version and for manual operation.



STATIC MIXER

ZTMX static mixer to guarantee accurate and reliable measurement results. Because water and oil does not stay mixed.



Please visit our web page: www.JCT-pa.com



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Air Quality Monitoring You Can Trust

Liquid Systems You Can Trust

Process Solutions You Can Trust



JCT Gas Sampling

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