



We think Globally and act Locally

AXIS

→ Why us ?

THE DILEMMA

The life and accuracy of process analyzers depends on reliable sample conditioning systems. These systems must be professionally designed and the components employed in the systems should be specifically built for demanding applications. Compromise in the design or the selection of analytical equipments leads to errors in the measurements, lack of reliability and increased maintenance costs.

SC SOLUTION

Our wide range of sampling products ensure that representative sample is presented to the analyzer and thus ensure precise measurement and provides a highly accurate and extremely reliable solution to analytical equipments.

OPERATIONS

Buhler has supplied sample conditioning systems to the world market for over 30 years. It takes challenges in continually improving the range of products specifically designed for sample conditioning systems. Buhler components are designed for reliability under harsh conditions. It has expertise for designing the components specifically for demanding applications in the Analytical world.

APPLICATIONS

It designs, manufactures as well as procures products for instrumentation, process control and for fluid power industry, such as :

- // **Chemical Industry**
- // **Power Plant**
- // **Petrochemical industry**
- // **Food industry**
- // **Refineries**
- // **Pharmaceutical industry**

→ What we offer

SAMPLE **GAS PUMPS** →

- // Bellow made of PTFE
- // Ex- proof version available
- // Model with heated head
- // Installation with shock absorbing capacity



P2.4 / P2.84

P2.3 / P2.83

P2.2 ATEX

US-P6 Ex



AGF-PV-30

AGF-FE

AGF-VA-23

KAGF - PV30A

← SAMPLE **FILTERS**

- // Change of filter elements without tools
- // Versatile mounting bracket
- // Low death volume
- // Drain with Filter bowl
- // Model with heated sample gas filter

SAMPLE **GAS COOLERS** →

- // Dew point stability range 0-2°C
- // Available for hazardous areas
- // Heat exchangers in SS, glass or PVDF
- // PELTIER or compressor type available
- // Single or multi-stream type



TS 10

EGK 1/2, 4 & 10

PKE 4 / 5

EGK 2Ex



GAS 222 / GAS 222.15

GAS222.21

GAS 222.10

APO

← SAMPLE **PROBES**

- // Filter replacement w/o tools
- // Available for hazardous areas
- // Dust concentration from 2g/m³ to 200g/m³
- // Heated / non heated

FLOW **METER** →

- // Highly resistant materials
- // Bi-stable set point controller optional
- // Easy change of glass or flow indicator while staying in line
- // Metering tube easy to change off
- // With or without needle valve



S-SM

SM-6 AND SM-6-V

MOISTUER **DETECTORS** →

- // Available for explosive atmospheres
- // Adjustable sensitivity
- // Indication for Power, moisture and broken wire
- // Easy to install



FF-HM230

FF-x-U

FF-1



NOx CONVERTER

← Nox **CONVERTER**

- // Stands high NO2 concentrations
- // Change of reactor cartridge w/o tools
- // Highest conversion efficiency over time in the field

CONDENSATE **REMOVAL** →

- // Automatic drain for pressurized systems
- // Peristaltic pumps integrated or stand alone



AK-5

PERISTALTIC PUMP

GL3

11 LD V 38



ARP-1.2

NVT-3

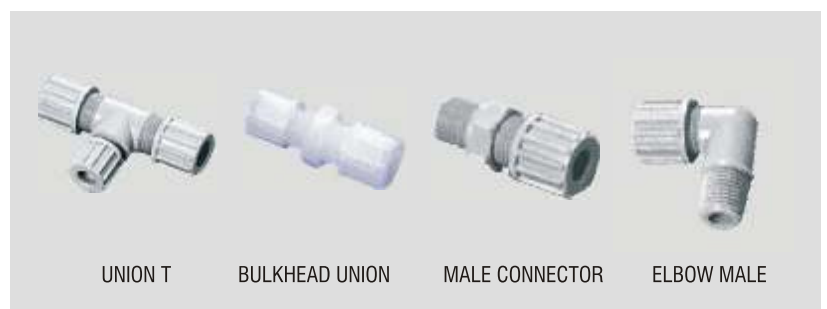
GKH 2

← NEEDLE / **DIRECTIONAL VALVES**

- // High corrosion resistant material
- // Different types available
- // 2, 3 & 5 way type ball valve available

HOSE FITTINGS **CONNECTORS** →

- // Material PP, PVDF, PFA
- // Different size



UNION T

BULKHEAD UNION

MALE CONNECTOR

ELBOW MALE

AXIS

Axis Engineering

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