## News Release

# Bühler Technologies, specialist in gas analysis, presents a considerably larger product line for use in explosive areas.

The previously quite large range of sample gas probes now also includes models for zones 1+2, both with ATEX and IECEx approval. Process streams in this dangerous environment with low to moderate particle concentration as well as those with high dust loads will benefit from the easy filter change or the particularly efficient blowback system of in-situ filters. Both reduce maintenance in these critical areas of use considerably.

The range of gas coolers was completely redesigned and tailored even more selectively to the application-specific performance requirements. Compressor cooling systems are an option for higher output ranges, and cooling blocks equipped with Peltier elements for lower ranges.

These coolers still feature plug-in heat exchanges with one or two gas paths in different materials. Optimised heat exchanger combinations with reduced washout have been added.

The gas cooler product range offers solutions for zones 1+ 2 with ATEX and IECEx approval as well as class1 DIV2 for the US market.

The company offers special sample gas pumps with flow rates appropriate for the system to complete the gas condition range. Depending on the installation type and protection class these pumps are available with and without housing or for separate pump head and motor installation, e.g. for heated or flushed blowback systems.
The product range also includes a large range of options for discharging condensate occurring in sample gas conditioning. These peristaltic pumps are also available with double head, as well as with and without housing depending on the application.
Both sample gas pumps as well as condensate pumps are available for different protection classes per ATEX, IECEx or….

**For further information please visit [www.buehler-technologies.com](http://www.buehler-technologies.com)**
**or Achema Hall 11.0 Booth A43.**



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