

# 40 years of Atex pumps

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Quality is once again making history at Bühler Technologies: Bühler Technologies has now been a pioneering distributing and developing Atex certified sample gas pumps for 40 years. A good time to highlight the successful development in this product segment and introduce the sample gas pump P 2.2 Atex.

"Whilst taking inventory of a customer system our field engineers recently came across an Atex sample gas pump which has been in service since 1979. This discovery made us extremely proud. It's impressive testimony we have always met our responsibility for maximum quality in the sensitive Atex field."

Markus Beck, Sales Manager at Bühler Technologies

The same year the guidelines on explosion protection, applicable for all of Europe, had just been introduced by the Council of the European Community in 1979, "Bühler" started selling a product model which complied with the latest Ex requirements. The model would still meet the regulations 15 years later, known as the "Atex directive" since 1994 – although by then it had long been part of a separate product line.

AT stands for "Atmosphère" and EX for "Explosible". The Atex directives apply to companies developing and using products for potentially explosive industry sectors. These directives define the health and safety requirements which must be observed to protect all persons which come into contact with explosive areas of industrial systems. The Atex products, classified by the danger level, are a significant contribution to prevent explosive gases, dusts, mists, or even explosions, in industrial systems. Gas analysis by extracting and conditioning the sample gas are key for safe and efficient system operation in processes or monitoring emissions in the chemical industry, petrochemistry or biochemistry as well as power stations.