Twenty years of the BK-G4 diaphragm gas meter:

The legendary tin can box is simply a good product!

1988 was a good year: the ICE set a world record for rail-bound vehicles on a test run between Würzburg and Fulda in Germany at a top speed of 406.9 km/h and Steffi Graf won all Grand Slam tournaments, besides which Kromschröder introduced the BK-G4.

This diaphragm gas meter is frequently and somewhat disrespectfully termed the "tin can" – but it is, so to speak THE "hit" amongst diaphragm gas meters. The measuring unit was an entirely new development. State-of-the-art, lightweight and dimensionally stable materials are used. A patented slide control, termed "K-system" for short, achieves particularly compact dimensions with a low pressure loss. The favourable ratio of slide surface area to measuring chamber means that the meter is particularly insensitive to soiling. The heart is the stadium-shaped plastic diaphragm allowing reproducible quality at high level. The good results achieved during statistical retests bear witness to the long-term stability and help to keep network costs low.

The BK-G4 is the "quality standard" wherever it is not a fast euro but sustained economy which is in demand. The diaphragm gas meter, over 15,000,000 of which have been produced, is a success story with no end in sight. The BK series now includes its little and big brothers. In 2005, it was possible to develop a measuring unit variant for size G6 thanks to flow channels optimised to reduce pressure loss. This "ICE" has a high measuring accuracy comparable to that of its "father".

The version as of year of construction 1994 allows the meter readings to be read out via pulse sensors. Alternatively, it is also possible to upgrade the meter with state-of-the-art encoder indexes.

Thus, new communication modules allow very many of the BK meters in the network to be used for remote readout (AMR). On request, the BK-G4 can, as of 2009, also be equipped with a remotely switchable valve, the Smart Valve.

Being aware of all available measuring principles, we are convinced that the diaphragm gas meter, even in future, will present the solution which is economically the best and which provides the most reliable measurement technology in the domestic sector. We have thus this year also invested in a brand-new, automated production line which we encourage you to view.

We would like to take this opportunity to thank our customers for their major acceptance of our gas meters in the BK series – quality and reliability have helped the legendary tin can to become a major success. Note the year 2038: we will then be celebrating 50 years of the BK-G4!

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