



MEASUREMENT TASK

When Molson Coors Brewing Company was looking for a reliable, robust and accurate method for monitoring the performance of their brewing, cleaning and energy processes they contacted Katronic for assistance.

One of the problems faced by the engineers at Molson Coors Brewing Company was that they had no method of verification for their existing in-line flowmeters, or for measuring pipelines where flow metering was absent.

This was of particular importance on the clean in place entries and on the water supply pipes where the system had been in operation for a very long time. That also applied to the plant's effluent outflows where strict environmental standards have to be met.

SOLUTION

The solution came in form of a Katronic portable clamp-on flowmeter. By having the KATflow 230 the engineers were able to carry out a complete survey of all critical pipelines within the production process. As all measurements were taken non-invasively, it ensured that there was no need to interrupt the production lines and removed any risk of contaminating the flowing liquid. Furthermore, as the flowmeter can be programmed and the sensors installed very easily and quickly, several pipelines could be measured in a very short period of time.

The implementation of the Katronic flowmeter was successful and proved popular with the engineering team. This led them to comment that they were "highly satisfied with the high specification of the unit, the ease of use and the excellent build-quality of both the sensors and the electronic transmitter".

ADVANTAGES

- Simple, quick and cost-effective installation and measurement
- No need to interrupt ongoing production processes
- Option to integrate temperature inputs for greater process control
- Capable of measuring different pipe materials and diameters
- Easily portable throughout the whole plant
- Robust, reliable and accurate instrument

SPECIFICATIONS

| | |
|-------------------|----------------------|
| Installation type | Portable |
| Media | Water, caustic, beer |
| Pipe materials | Stainless steel |
| Pipe diameters | 25 ... 250 mm |
| Temperature | Up to +130 °C |
| Flow channels | Two |

APPLICATION



Molson Coors with their famous beer brands Carling™ and Grolsch™ have decided to use a portable ultrasonic clamp-on flowmeter from Katronic to monitor brewing and cleaning processes as well as thermal energy consumption.

INSTRUMENT SOLUTION



Molson Coors were "highly satisfied" with their Katronic flowmeter KATflow 230.