

# wexon

## Application: Heat quantity measurement



One of my customers is manufacturer of devices which are able to clean dirt from inside of pipes. Installation is fully external and cleaning process can be done without interrupting the process. Sometime ago they gave me a challenge, they were going to clean heat exchanger while process is running and they had to proof efficiency of the cleaning process. They also had to print performance report.

We solved this by measuring heat quantity. We used KF230 portable ultrasonic clamp on flowmeter supplied with two pieces of PT100 sensors from our supplier Katronic. We measured the heat quantity by mounting flow sensors on the inlet of the heat exchanger and PT100 sensors on the inlet and outlet. By doing so we were able to measure heat quantity before the cleaning process started. We did the same procedure after the cleaning process. As expected, the heat quantity was higher after the cleaning process and we were able to proof how much the efficiency had improved. KF230 have also an internal datalogger and customer was able to plug the meter to PC via USB and download the recorded data and print out the report.

If you need some further information about the application or product please contact:



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