

# Level limit measurement in coal dust at 130°C

## The challenge



Our customer required to monitor the fill level of the filter inlet in the coal filter. As a result of certain exhaust gas norms being changed, a coal filter had to be installed a few years ago. The temperature of the filter is approximately 130°C.

## Our solution

The UWT vibrating fork probe VIBRANIVO VN2020 fulfills these difficult requirements. The VN2020 temperature version can be used in temperatures of up to 150°C. The highly sensitive VN2020 reliably measures filter dust density upwards of 5 g/l. Only since the installation of the UWT tuning fork, has it been possible for the incinerator to function trouble-free.



## Products



### VN 2020

Full, Demand, Empty Detector  
Short version

- Vertical, horizontal and oblique installation.
- Compact extension length: 235mm.
- High sensitivity from 5g/l.