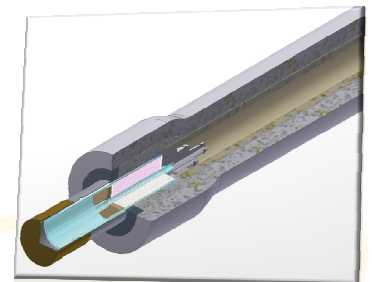




MINKON Hydrogen Probes

The MINKON Hydrogen probes, HydroVas, allows optimal process control to protect the melt against high hydrogen amount. Hydrogen in the melt influences the mechanical properties of the steel in a negative way. By using the HydroVas probe the steelmaker can detect the hydrogen content in a short time and set the parameters for the subsequent metallurgical treatment.



Open and Tough

MINKON-HydroVas probes are operated with an open measuring system. In this open measurement system, the measurement gas comes in contact with the melt once. The risk of measurement gas contamination with pollutants via the melt is minimized because they are discharged directly.

Maintenance such as filter replacement and recalibration is reduced respectively is dispensed totally.

The integrated MINKON-HydroVas system consists of:

- a robust low maintenance instrument,
- a measurement software with easy to use surface and simple handling
- Immersion probes for the applications ladle, ingot and tundish
- Our committed team that supports you with experience and advice with regard to accessories such as lances and hoses.

In addition, hydrogen probes for closed measuring systems are available.



Service

Minkon can provide full service and engineering support, including instrumentation, hardware supply, plant maintenance and performance monitoring.