



Measurement tool  
for valves

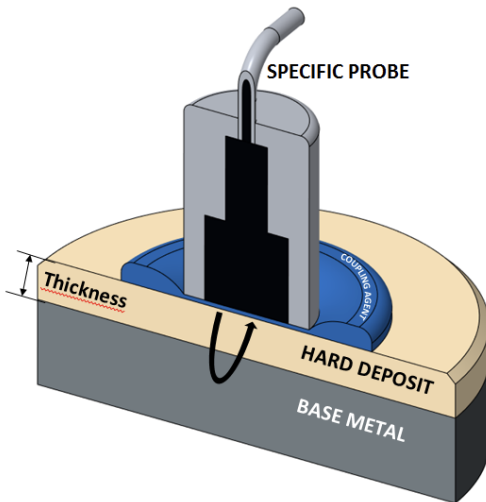
## OMERUS®

Tool for measuring hard deposit coating thickness  
using ultrasound



# CARRYING OUT THE MEASUREMENT

## Ultrasonic Non-Destructive testing



Back-diffusion principle for ultrasonic waves on multi-layer coating, with different speeds.

The operator follows the sealing seat with a specific probe (3 minutes).

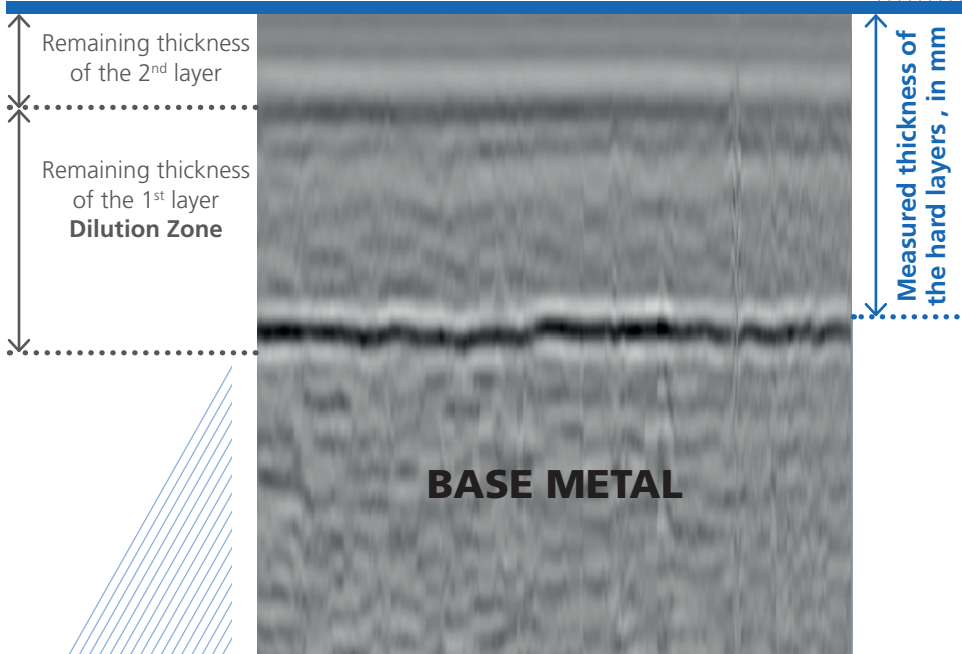
The system displays the different coating layers of the hard deposit (STELLITE 6.6, NOREM 02) in real-time.

The tool records the scrolling Scan and is used to measure the different coating thicknesses.

## SCROLLING SCAN

« Ultrasound scanning »

### THE SEALING SEAT



### Advantages

- Accuracy < 0.1 mm
- Repeatability, reliability
- Quick implementation
- Clear differentiation of layers
- Automatic report issued

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