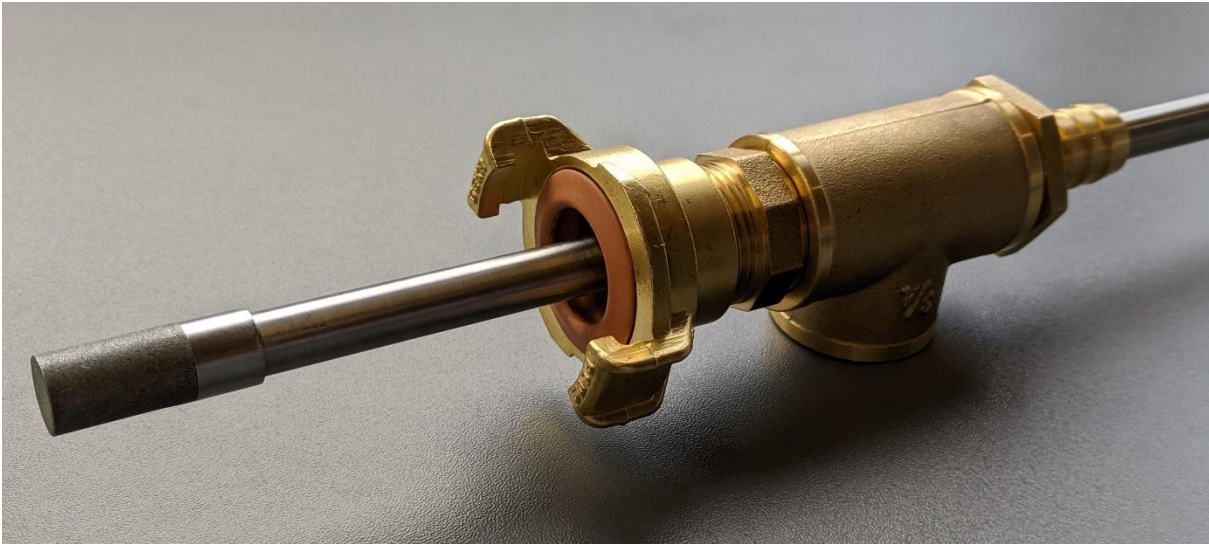


Bubble Creator

For tracer gas



Insertion of the tracer gas into filled pipes
Leak detection during regular pipe operation
Substantial reduction of the gas quantity (factor 100)

The Bubble Creator enables the use of tracer gas with filled pipes under operation without interruption or discharge. The gas is inserted in form of tiny bubbles via a special probe and will dissolve in the water. Best position for inserting the gas is at high velocity and or turbulence points of the pipeline (i.e. behind partially shut valves). At the leak point, the water-gas-mixture will escape and the tracer gas will be freed due to a decrease in water pressure.



Application:

- Insertion through hot tap (drilled hole) into the pipe
- Use with tracer gas, a mixture of 5% Hydrogen (H₂) und 95% Nitrogen (N₂)
- Detection with Gas Check H₂ / Aqua M300 in combination with H₂-Bell probe / H₂-Hand probe