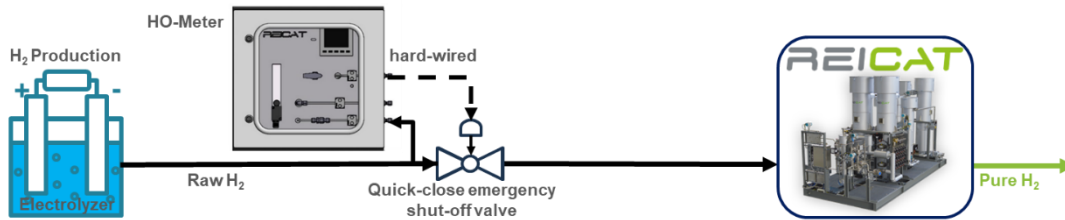


HO Meter / Analyzer

Safety by monitoring of gas mixtures

ReiCat is your partner for Gas Purification and Gas Recycling. The HO Meter, the ReiCat gas Analyzer, is used to monitor the gas content.

In the event of leaks or malfunctions in the hydrogen generation system, this safety device automatically ensures that the gas flow is interrupted immediately.



Your application

Application examples:

- Energy industry
(Power to gas, nuclear power plants, fuel cells for H₂ busses, H₂ trains, submarines)
- Automotive & Metal industry
(Hardening technologies & thermal treatment)
- Chemical industry (Chlorine electrolysis)
- Glass production
- Electronic industry (Semiconductor production)

Our solution

- Measurement of hydrogen or oxygen content in: hydrogen, oxygen, noble gas, inert gas, nitrogen or gas mixture
- Warning and signal in case of formation of explosive gas mixtures.
- Process control of gas purification plants
- Quality control for hydrogen production

ReiCat advantages

- Quick measurement at low concentrations
- Linear signal and highly reproducible
- Small t₉₀-time
- Non-consumable measuring cell
- Long lifetime and pressure resistant
- Simple handling and setting

Technical Data

Measuring principle	Heat reaction
Measuring components	Hydrogen, Oxygen
Measuring range*	Hydrogen 0 ... 4 vol. % Oxygen 0.01 ... 3 vol. %
Signal output	4-20 mA
Power supply	110-230 VAC / 50-60 Hz
Gas connection	Swagelok ¼"
Dimensions	600x600x350 mm (WxHxD)

* Depending on the compositions
explosion limits have to be considered.

