

# DO

# Measurement of Optical DO

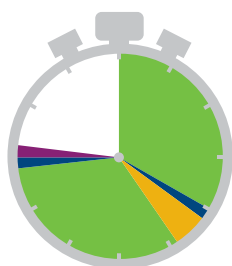
## Less Effort, Improved Stability

80% OF SENSOR COSTS COME AFTER INITIAL PURCHASE

### POLAROGRAPHIC SENSORS

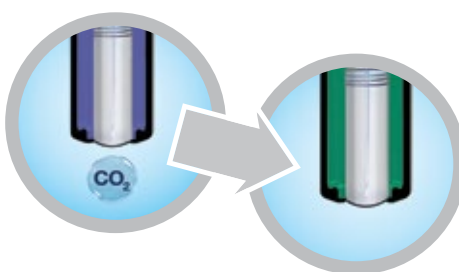


A good signal requires skilled maintenance:



- Polarize
- Test in 100% air
- Service/Troubleshoot
  - Electrolyte
  - Membrane cap
  - Anode/Cathode
- Calibrate

CO<sub>2</sub> acidifies the electrolyte which reduces the signal and results in an unreliable measurement.

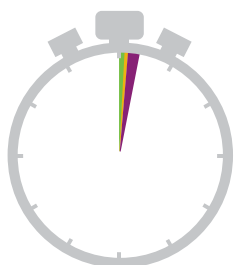


WHAT IF A STABLE MEASUREMENT IS POSSIBLE WITH MINIMAL MAINTENANCE EFFORTS?

### OPTICAL SENSORS



Reduced cost due to minimized maintenance efforts:

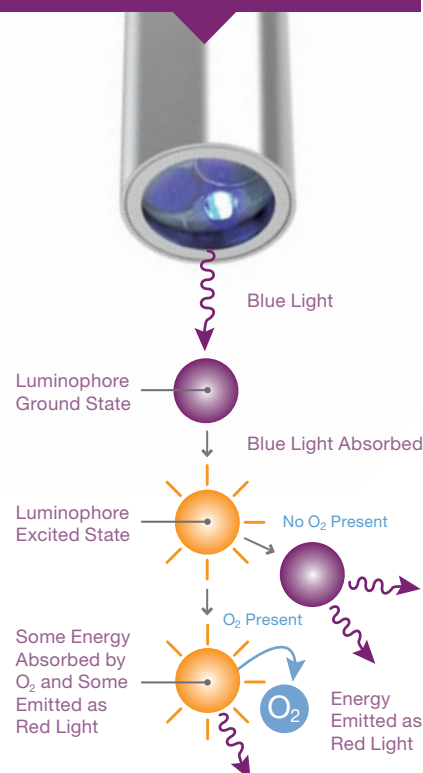


- Warm up
- Service/Troubleshoot
  - Replace sensor cap
- Calibrate

Easy sensor diagnostics with Arc technology:

● Communication ● OK ● Warning ● Error

MEASUREMENT PRINCIPLE



- Precise and stable signal
- No CO<sub>2</sub> influence

## SUMMARY

In combination with the Arc technology, VisiFerm enables:

- Reliable and stable measurements
- Fast sensor diagnostics
- Effortless calibration and troubleshooting



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