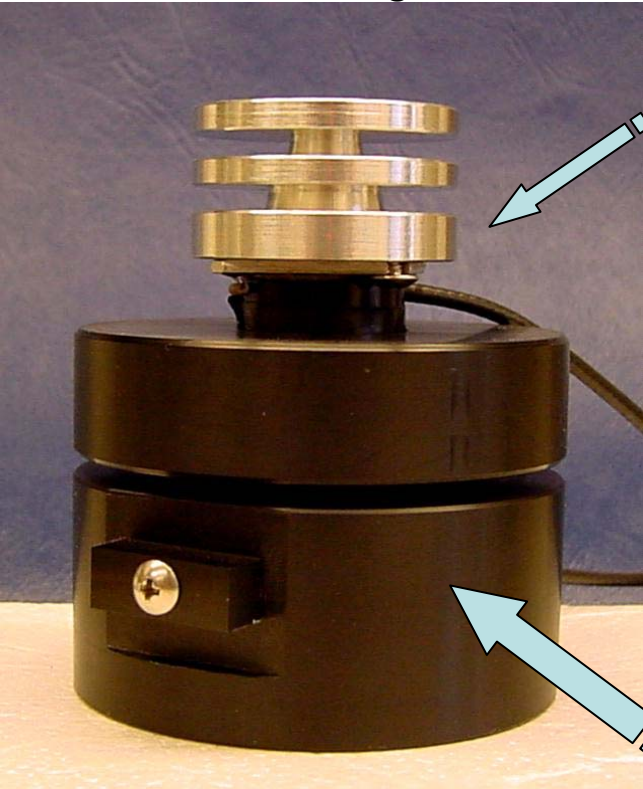


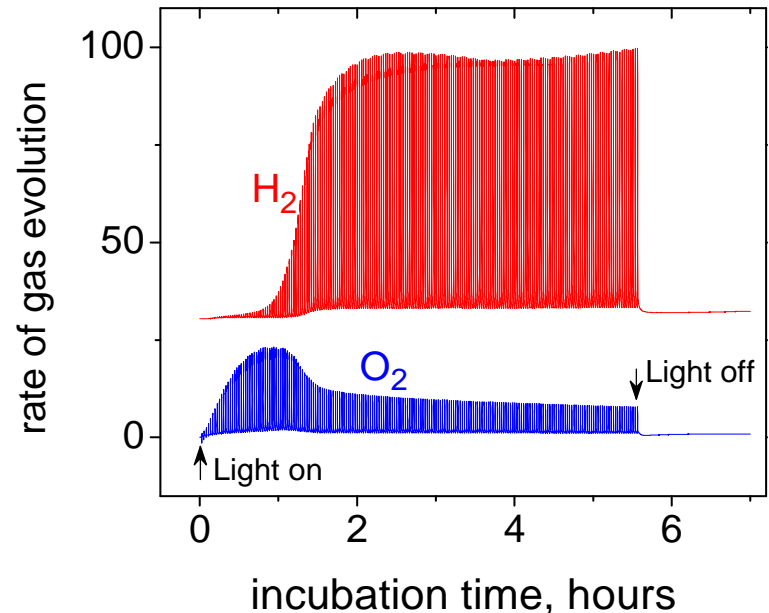
Dissolved H₂ & O₂ rates measured with 1000x improved sensitivity

LEDS: blue, orange, red, infrared, white

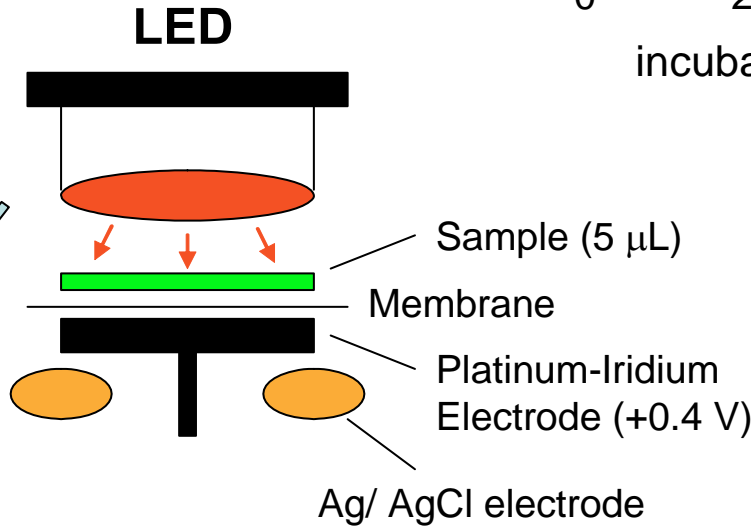


1-3 Watts
Optical power

Chlamydomonas r. CC124



5 μL volume
Sensitivity = 2 nanomolar
0.1 sec response time



Conclusions

- Photo-H₂
- No dark-H₂
- Co-production H₂ & O₂