

Glasschem Reactor system





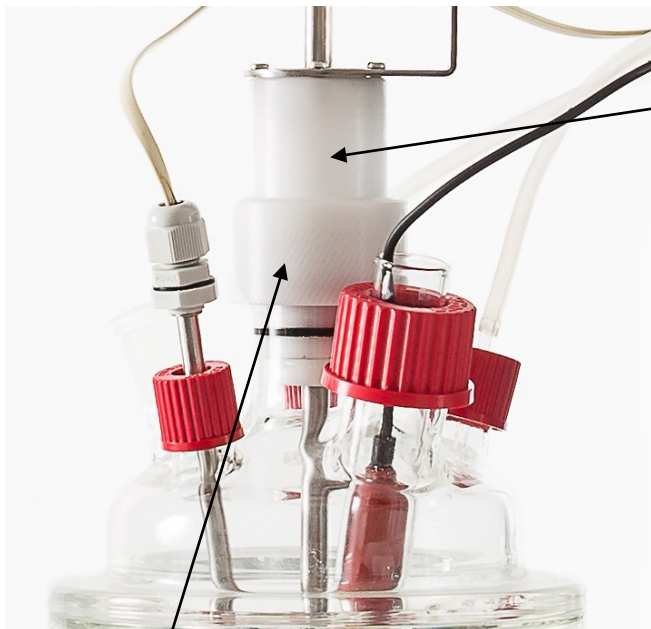
1. Ph measure and control (both acid and base addition), calibration routine for Ph calibration.
2. Temperature measure to 0.01deg C to max 125 deg, higher temperatures with 0.1deg resolution.
3. Temperature control via hot oil bath with circulating pump (not included in this picture)
4. Overhead stirring, either for vacuum or low pressure applications. Can also be adjusted to seal during gas production and measurement.
5. Servo controlled ball valve for fluid management.
6. Peristaltic pump can be added.
7. USB logging to pc , save as .CSV file



Reactor lowered in working position



Reactor stirrer and lid, lifted above reactor to remove the reactor vessel



Special designed stirrer gland with ceramic bearings and packing for air tight seal during stirring.

The gland can also be fitted with a magnetic coupler for vacuum or absolute air tight stirring.

Screw fitting on gland to attach the glass lid to the stirrer system. Completely removable.