

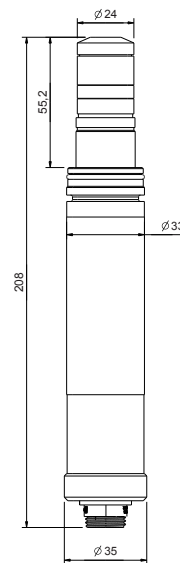
peroxy::lyser

peroxy::lyser monitors peracetic acid (PAA)

- s::can plug & measure
- measuring principle: amperometric (membrane covered)
- ideal for all kinds of water treatment
- long term stable and lowest maintenance in operation
- replacement of membrane only once a year
- readings stable even at high fluctuations of pH, temperature and flow
- strong surfactants are tolerated
- not cross sensitive to high concentrations of hydrogen peroxide
- factory precalibrated
- mounting and measurement in a flow cell
- operation via s::can terminals & s::can software
- additionally also measures temperature

recommended accessories

| part number | article name |
|----------------|---|
| D-330-xxx | con::cube V3 |
| D-320-xxx | con::lyte |
| C-1-010-sensor | 1 m connection cable for s::can physical and ISE probes |
| F-45-four | flow cell for four s::can physical probes |
| F-45-sensor | flow cell for s::can sensor |
| S-11-xx-moni | moni::tool Software |
| E-515-1/2-SET | Peracetic Acid membrane cap (spare part) |
| E-515-1/2-EL | Peracetic Acid electrolyte (spare part) |



technical specification

| | | | |
|-----------------------------------|--|-------------------------|-------------------------------------|
| measuring principle | amperometric | housing material | PVC |
| measuring principle detail | potentiostatic 2-electrode system, membrane covered | | Stainless steel 1.4571 |
| resolution | 0.1 mg/l for 0 - 200 mg/l 1 mg/l for 0 - 2000 mg/l | weight (min.) | 150 g |
| automatic compensation instrument | temperature | dimensions (Ø x l) | 35 x 208 mm |
| response time (T90) | 1.5 ... 5 min. | operating temperature | 0 ... 45 °C |
| integration via | con::lyte con::nect | operating pressure | 0 ... 1 bar |
| power supply | 9 ... 30 VDC | installation / mounting | flow cell |
| power consumption (typical) | 0.5 W | process connection | quick connect |
| power consumption (max.) | 0.6 W | recommended flow | 15 ... 30 l/h (in s::can flow cell) |
| interface to s::can terminals | sys plug (IP67), RS485 | pH range | 1 ... 6 |
| | | storage temperature | 0 ... 45 °C |
| | | conformity - EMC | EN 61326-1 |
| | | protection class (-000) | IP67 |

measuring range

| | | parameter | | |
|---------------|------|---------------|---------------------|-------------|
| | | PAA [mg/l] | temperature [°C] | part number |
| peroxy::lyser | min. | 0 | 0 | E-515-1-000 |
| | max. | 200 | 45 | |
| peroxy::lyser | min. | 0 | 0 | E-515-2-000 |
| | max. | 2000 | 45 | |