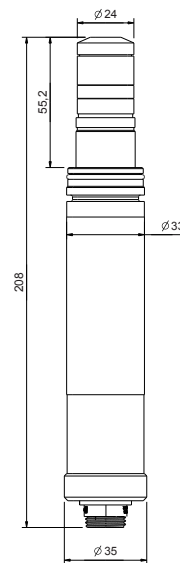# peroxy::lyser

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