

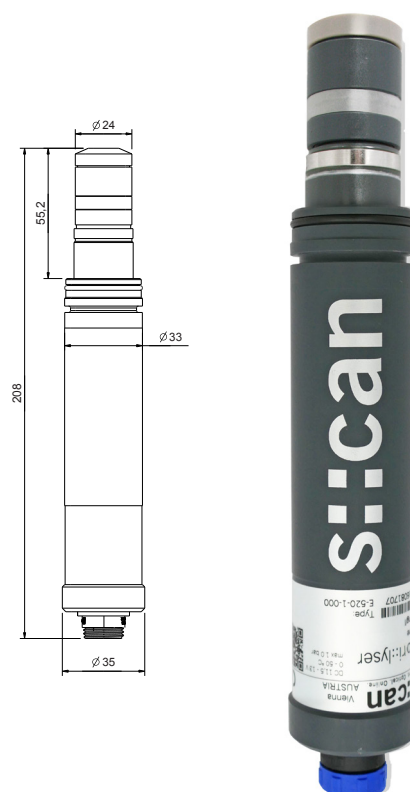
chlori::lyser for drinking water

chlori::lyser monitors free chlorine ($\text{Cl}_2 + \text{HOCl} + \text{OCl}^-$)
or total chlorine (free chlorine + combined chlorine)

- s::can plug & measure
- measuring principle: amperometric (membrane covered)
- ideal for drinking and pool
- 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
- compensates fluctuations of pH in an unmatched way
pH range from 4 to 9 FCI; pH range from 4 to 12 TCI
- low cross sensitivity to many surfactants
- 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
S-11-xx-moni	moni::tool Software
F-45-four	flow cell for four s::can physical probes
C-1-010-sensor	1 m connection cable for s::can physical and ISE probes
E-525-1/2-KIT	Total Chlorine electrolyte and membrane cap (spare parts)
E-520-1/2-KIT	Free Chlorine electrolyte and membrane cap (spare parts)
F-45-flow-1	Automatic flow control unit
F-45-alarm	Flow detector unit



technical specification

measuring principle	amperometric	housing material	PVC
measuring principle detail	potentiostatic 3-electrode system		Stainless steel 1.4571
resolution	E-520-1 and E-525-1: 0.001 mg/l E-520-2 and E-525-2: 0.01 mg/l)	weight (min.)	150 g
automatic compensation instrument	temperature	dimensions (Ø x l)	35 x 208 mm
automatic compensation cross sensitivities	pH	operating temperature	0 ... 45 °C
response time (T90)	2 min.	operating pressure	0 ... 3 bar
integration via	con::lyte con::nect	installation / mounting	flow cell
power supply	9 ... 30 VDC	process connection	quick connect
power consumption (typical)	0.5 W	recommended flow	15 ... 30 l/h (in s::can flow cell)
power consumption (max.)	0.6 W	pH range free chlorine	4 ... 9
interface to s::can terminals	sys plug (IP67), RS485	pH range TCI	4 ... 12
		storage temperature	0 ... 45 °C
		conformity - EMC	EN 61326-1

measuring range

		parameter			part number
		free chlorine [mg/l]	total chlorine [mg/l]	temperature [°C]	
chlori::lyser (FCI)	min.	0		0	E-520-1-000
	max.	2		45	
chlori::lyser (FCI)	min.	0		0	E-520-2-000
	max.	20		45	
chlori::lyser (FCI)	min.		0	0	E-525-1-000
	max.		2	45	
chlori::lyser (FCI)	min.		0	0	E-525-2-000
	max.		20	45	