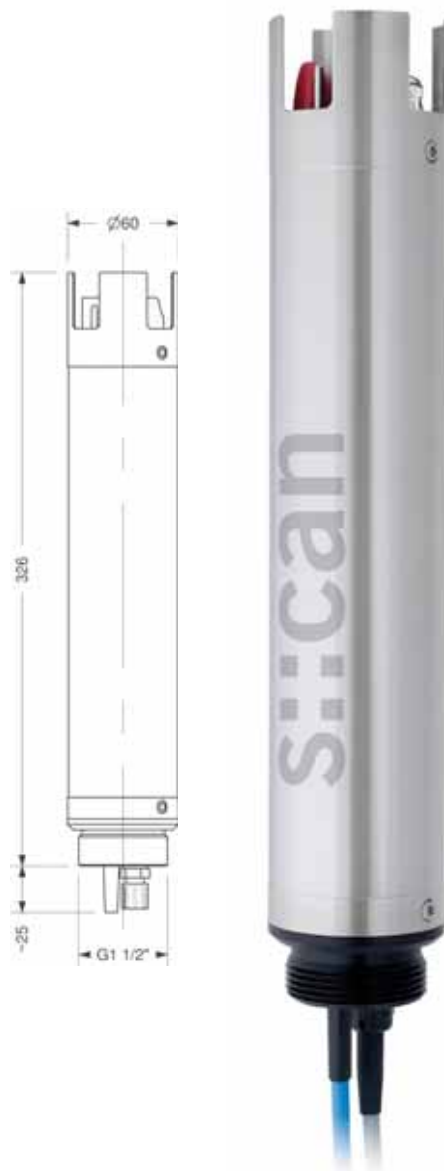


fluor::lyser II

- s::can plug & measure
- measuring principle: ISE (ionenselektive elektrodes)
- fluor::lyser II monitors fluoride and temperature
- no cross sensitivities in typical drinking water applications
- multiparameter probe
- long term stable, factory precalibrated
- automatic cleaning with compressed air
- easy and quick mounting and measurement directly in the media (InSitu) or in a flow cell (monitoring station)
- operation via s::can terminals & s::can software
- ideal for drinking water
- minimal maintenance

recommended accessories

part number	article name
F-11-ammo	carrier ammo::lyser™
F-44-ammo	flow cell for ammo::lyser™
F-50-2-eco	system panel for s::can ISE probes or s::can sensors
F-50-2-pro	
C-210-sensor	10 m extension cable for s::can sensors and s::can ISE probes
B-44	cleaning valve



technical specification

measuring principle	ISE	housing material	stainless steel 1.4571, POM-C, glass electrodes
measuring principle detail	F: ionophore membrane	weight (min.)	2.7 kg
measuring range application	0.05 ... 1000 mg/l	dimensions (diameter x length)	60 x 326 mm
automatic compensation instrument	temperature	operating temperature	0 ... 60 °C
potential interfering ions	OH- (at >pH8), Al ³⁺ , Ca ²⁺ , Fe ³⁺ , Si ⁴⁺	storage temperature	0 ... 60 °C
precalibrated ex-works	all parameters	installation / mounting	submersed or in a flow cell
integration via	con::lyte 1 con::lyte 2 con::lyte 4 con::nect con::stat	process connection	G 1 1/2" outside
power supply	10 ... 30 VDC	pH range	4.5 ... 7.5
power consumption (typical)	0.75 W	protection class	IP 68
interface connection to s::can terminals	sys plug, IP 68, RS485, 12 VDC	automatic cleaning	media: compressed air permissible pressure: 3 ... 6 bar air volume: 3 ... 9 liters per cleaning cleaning duration: 4 ... 12 seconds per cleaning cleaning interval: 30 ... 120 minutes, depending on application delay: 10 ... 30 seconds
cable length	10 m		
cable type	PU jacket 2x2x0.25		

drinking water

		typical concentration ranges for this application		
		F [mg/l]	temperature [°C]	part number
fluor::lyser II	min.	0.05	0	E-542
	max.	2	60	