

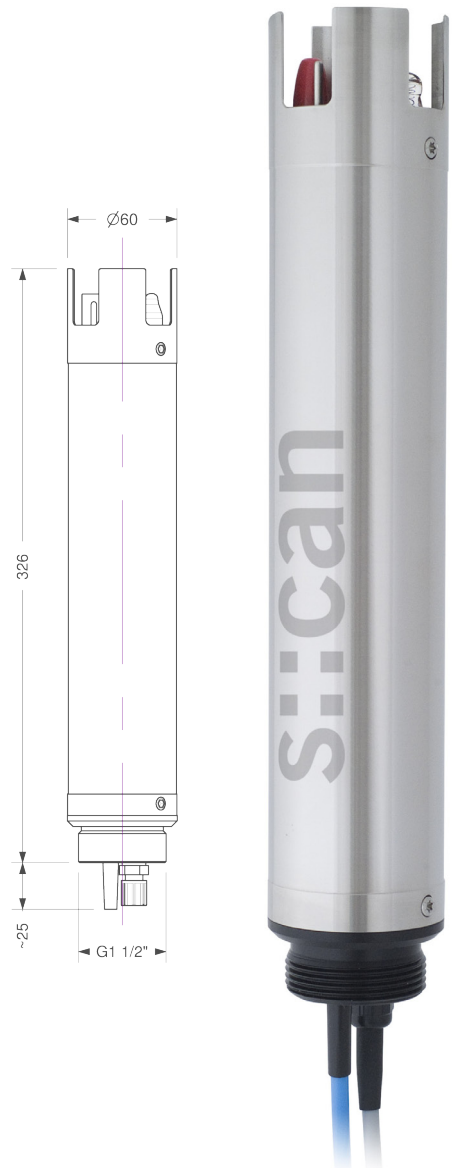
# fluor::lyser II

fluor::lyser II monitors fluoride and temperature

- s::can plug & measure
- measuring principle: ISE (ionselective electrodes)
- 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
- plug connection or fixed cable

## recommended accessories

part number	article name
B-44	cleaning valve
B-44-2	
C-1-010-sensor	1 m connection cable for s::can physical and ISE probes
F-11-oxi-ammo	carrier oxi::lyser / soli::lyser / s::can ISE probes
F-45-ammo	flow cell for ammo::lyser™
F-45-process	process connection 1/4" G



### technical specification

measuring principle	ISE	operating temperature	0 ... 60 °C
measuring principle detail	F: ionophore membrane reference electrode	storage temperature	0 ... 60 °C
measuring range application	0.05 ... 1000 mg/l	installation / mounting	submersed or in a flow cell
automatic compensation instrument	temperature	process connection	G 1 1/2" outside
potential interfering ions	OH- (at >pH8), Al3+, Ca2+, Fe3+, Si4+	flow velocity	0.01 m/s (min.) 3 m/s (max.)
precalibrated ex-works	all parameters	pH range	4.5 ... 7.5
integration via	con::cube con::lyte con::nect	ingress protection class	IP68
power supply	10 ... 30 VDC	automatic cleaning	media: compressed air permissible pressure: 2 ... 4 bar air volume: 3 ... 9 l per cleaning duration: 2 ... 10 sec. per cleaning cleaning interval: 30 ... 120 min., depending on application delay: 10 ... 30 sec.
power consumption (typical)	0.72 W	conformity - EMC	EN 50081-1 EN 50082-1 EN 60555-2 EN 60555-3
interface to s::can terminals	sys plug (IP67), RS485	conformity - safety	EN 61010-1
cable length	7.5 m fixed cable (-075) or plug connection (-000)		
cable type	PU jacket		
housing material	stainless steel 1.4571, POM-C		
weight (min.)	2.7 kg		
dimensions (Ø x l)	60 x 326 mm		

### drinking water

		concentration ranges and sensor/probe type for this application		
		F	temperature	part number
		[mg/l]	[°C]	
fluor::lyser II	min.	0.05	0	E-542-000 / -075
	max.	2	60	