

# fluor::lyser II

- .. s::can plug & measure
- .. measuring principle: ISE (ionenselektive elektrodes)
- .. fluor::lyser II monitors fluoride and temperature
- .. cross sensitivities: OH- (at >pH8), Al<sup>3+</sup>, Ca<sup>2+</sup>, Fe<sup>3+</sup>, Si<sup>4+</sup> (in typical drinking water cross sensitivities are not a problem)
- .. [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 Bypass (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	Bypass fitting for ammo::lyser™
F-50-2	system-panel for s::can ISE probes and s::can sensors
C-210-sensor	10 m extension cable for s::can™ oxi::lyser™ and ammo::lyser™
B-44	cleaning valve

technical specification			
measuring principle	ISE	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
precalibrated ex-works	all parameters	storage temperature	0 ... 60 °C
integration via	con::lyte 1 con::lyte 2 con::lyte 4 con::nect con::stat	installation / mounting	submersed or in Bypass (flow cell)
power supply	10 ... 30 VDC	process connection	G 1 1/2" outside
power consumption (typical)	0.75 W	pH range	4.5 ... 7.5
interface connection to s::can terminals	sys plug, IP 68, RS485, 12 VDC	protection class	IP 68
cable length	10 m	automatic cleaning	media: compressed air permissible pressure: 3 ... 8 bar air volume: 3 ... 9 liter per cleaning cleaning duration: 4 ... 12 seconds per cleaning cleaning interval: 30 ... 120 minutes, depending on application delay: 10 ... 30 seconds
cable type	PU jacket 2x2x0.25		
housing material	stainless steel 1.4571, POM-C, glas electrodes		

drinking water				
		typical concentration ranges for this application		part number
		F [mg/l]	temperature [°C]	
flour_lyser_2	min.	0.05	0	E-542
	max.	2	60	