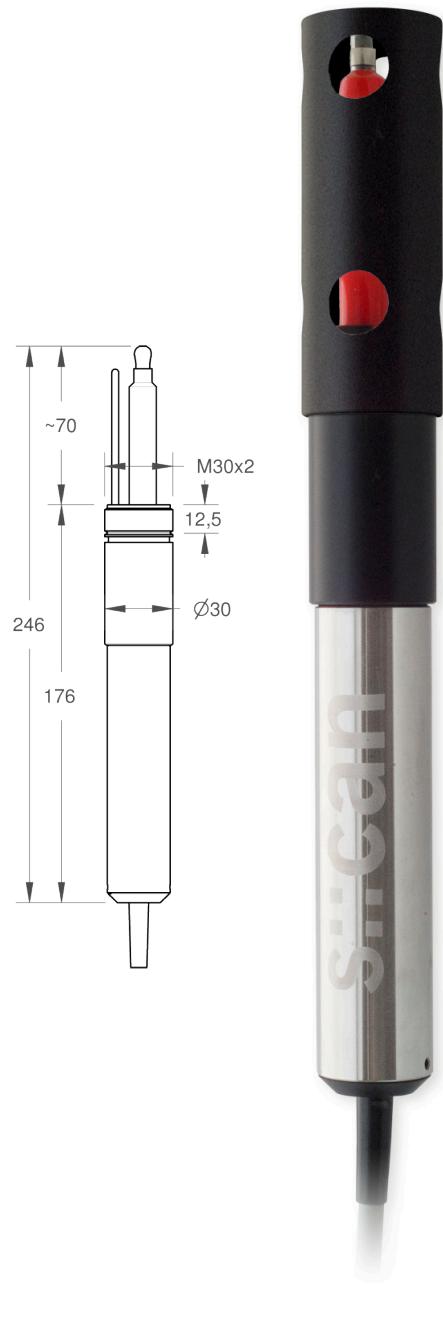


# pH::lyser II

- s::can plug & measure
- measuring principle: unique, non-porous / non-leaking combined reference electrode for technically unrivalled and consistent pH performance
- multiparameter sensor
- ideal for surface water, ground water, drinking water and waste water
- pH::lyser monitors pH & temperature
- pH::lyser pro: high temperature range
- pH::lyser pro: high pH range
- long term stable and maintenance free in operation
- factory precalibrated
- mounting and measurement directly in the media (InSitu) or in a flow cell
- operation via s::can terminals & s::can software
- optional: automatic cleaning with compressed air

## recommended accessories

part number	article name
F-44-three	flow cell for three s::can sensors
F-50-4-eco	system panel for s::can sensors
F-50-4-pro	
C-210-sensor	10 m extension cable for s::can sensors and s::can ISE probes
F-11-sensor	carrier s::can sensors



technical specification	
measuring principle	potentiometric
measuring principle detail	combined, non-porous reference electrode
measuring range application	pro: 0 ... 12 pH eco: 2 ... 12 pH
resolution	0.01 pH
accuracy	0.1 pH
automatic compensation instrument	temperature
response time	30 sec.
integrated temperature sensor	0 ... 100 °C
integration via	con::lyte 1 con::lyte 2 con::lyte 4 con::nect con::stat
power supply	9 ... 18 VDC
power consumption (typical)	0.8 W
power consumption (max.)	1 W
interface connection to s::can terminals	sys plug, IP 68, RS485, 12 VDC
cable length	10 m
cable type	PU jacket 2x2x0.25
housing material	stainless steel 1.4571, POM-C, glass electrodes
weight (min.)	400 g
dimensions (diameter x length)	33 x 253 mm
operating temperature	0 ... 70 °C
storage temperature	0 ... 90 °C
operating pressure	0 ... 10 bar
installation / mounting	submersed or in a flow cell
process connection	M 30x2
flowrate	m/s (max.) m/s (min.)
protection class	IP 68
automatic cleaning	media: compressed air permissible pressure: 3 ... 6 bar cleaning interval: depending on application
conformity - EMC	EN 50011:2007 EN 61326:2006 EN 61000-4
conformity - safety	EN 61010-1:2001

surface water				
		typical concentration ranges for this application		
		pH [pH]	temperature [°C]	part number
pH::lyser II pro (pH, temp)	min.	0	0	E-514-3
	max.	14	90	
pH::lyser II eco (pH, temp)	min.	2	0	E-514-2
	max.	12	70	

drinking water				
		typical concentration ranges for this application		
		pH [pH]	temperature [°C]	part number
pH::lyser II pro (pH, temp)	min.	0	0	E-514-3
	max.	14	90	
pH::lyser II eco (pH, temp)	min.	2	0	E-514-2
	max.	12	70	

Spectrometer  
ProbesIonselective  
Probes

Sensors

Terminals

Configuration

Monitoring  
StationAccessories &  
Infrastructure

Spare Parts

Services &  
Solutions