

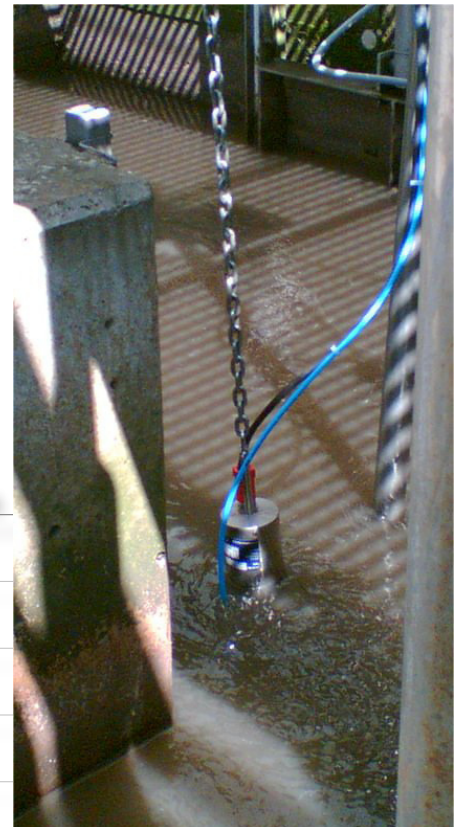
ProPS-Kit

NO_3 , $\text{COD}_{\text{eq}}/\text{TOC}_{\text{eq}}$

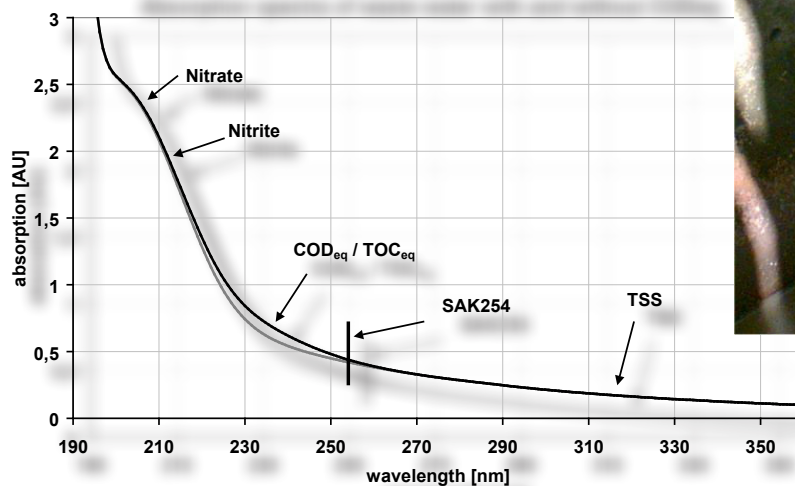
by spectral UV analysis



ProPS-Kits are cost-effective and innovative setups for the online measurement of nitrate and/or $\text{COD}_{\text{eq}}/\text{TOC}_{\text{eq}}$. The individual kits include everything required for the measurement: ProPS-UV sensor, TriBox2 controller, 10m sensor cable and 10m tube for aircleaning. All systems are delivered ready-to-measure, with an installed pre-calibration for the ordered parameters, which works in most applications. All kits offer an user add-on calibration to adjust the measurement values to the individual conditions (reference values) if required. The ProPS is measuring a hyperspectral UV absorption spectrum to derive the individual measurement values. Additional calibration functions are offered and can easily be installed at customers side - without the need to purchase new hardware. This keeps your investment save with future requirements.



Absorption spectra of waste water with and without COD_{eq}



ProPS-Kit



ProPS-Kit includes everything required to start measurement

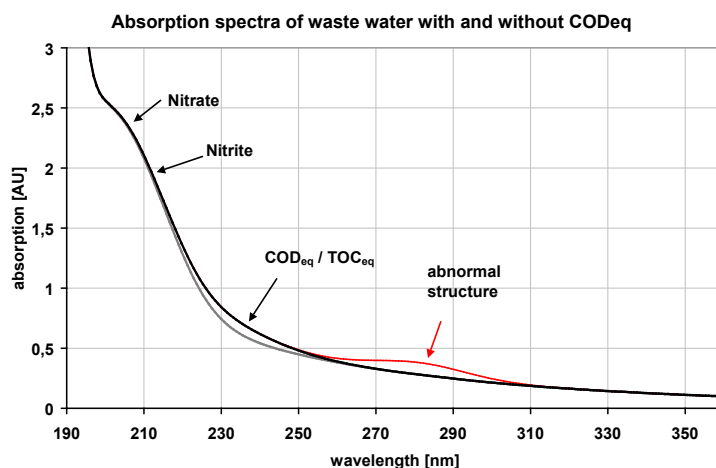
Parameter

NO3	0..100 mg/L (*)
NO2	0..50 mg/L (*)
CODeq	0..5,000 mg/L (*)
TOCeq	0..500 mg/L (*)
BODeq	0..5,000 mg/L (*)

(*) typ. ranges and detection limits. Both are depending on water matrix and components
other pre-calibrations on requests

Order codes

13 0010	ProPS-N-Kit (NO3)	20 6010	ProPS flowthrough unit
13 0020	ProPS-C-Kit (CODeq)	20 6020	ProPS panel
13 0030	ProPS-CN-Kit (CODeq, NO3)	20 6001	ProPS CW cuvette holder
85 1000	NO2 precalibration	20 6013	ProPS WW cuvette holder
85 1001	BODeq precalibration	41 0011	TriBox2 GSM-module
85 1002	TOCeq precalibration	41 0012	TriBox2 WiFi-module
85 1010	'spectralchange' Police-function	41 0020	TriBox2 4x4..20mA module
other pre-calibrations (on request)			
available with 24VDC or 230VAC TriBox2			
also available with titanium housing			



Let the ProPS-Kit watch for pollutions:
The additional available 'policefunction' triggers alarms if spectral signatures changes unexpectedly.



ProPS-Kit with flowthrough unit and panel