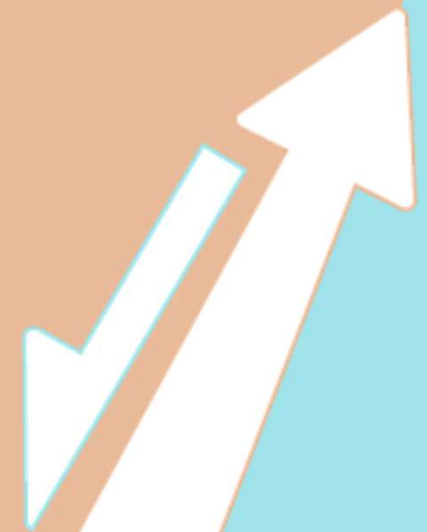




[www.neevfluidex.com](http://www.neevfluidex.com)

Seibold Wasser Austria  
Analysers



## Seibold Wasser ( Austria) Analysers



### **Colorimetric technology measures light absorption at specific wavelengths.**

Colorimetric technology is suitable for online measurements of heavy metals in water.

After adding reagents to the sample, the parameter to measure will build a coloured complex. The intensity of the color is direct proportional to the concentration. The colour absorption is measured by a photometer at a specific wave length

The 6-point calibration connects absorptions and concentration. Between calibration points the results will be interpolated.

<b>Aluminum (Al)</b>	<b>Nickel (Ni)</b>
Chromium (Cr)	Silver (Ag)
Cobalt (Co)	Tin (Sn)
Copper (Cu)	Zinc (Zn)
Iron ( FeO	NH4, NO2, NO3,
Lead ( Pb)	PO4, S2-, CaCO3
Manganese (Mn)	Florine, Chlorine
Mercury (Hg)	



## Seibold Wasser - Comparison with older design



New and high quality	Old and Low cost design
Flow through system, quality by design.	Bucket systems, additional mixing. All as copied from laboratory and placed in a cabinet.
Stepper motor driven pumps, reliable and precise	Syringe-pumps and liquid manager (multi fold with valves). Even worse, but funny: Duckbill pumps.
Measurement models: Direct measurement Kinetic measurement i-Point Standard Addition	Measurement models: Direct measurement
Functions 6-Point Calibration Automated Dilution	Functions Limited by design
Reagents, non toxic and designed for online measurements.	Reagents, not important to vendor.



**Thank you**

