

“Franz von Suppé” Aluminium Analyser



The online analyser “Franz von Suppé” from Seibold's Composer analyser family continuously determines the aluminium concentration.

Robust, proven and tested measurement technology affords high precision and sensitivity while keeping instrument complexity low. The result is a cost-efficient measurement.

Easy and safe handling thanks to non-toxic reagents.

- Robust design
- High accuracy
- Low cost per measurement
- Minimal Maintenance
- Easy handling

Method

The analyser adds a reagent specific for aluminium to the sample. If aluminium ions are present, a stable chelate complex forms between metal and reagent. This complex with its characteristic colour is detected precisely in the spectrophotometer. The intensity is directly proportional to the concentration of aluminium.

The analyser takes care of regular automatic cleaning and calibration

Applications

River water

Process water
(automotive,
semiconductors,
packaging)

Wastewater treatment

Technical data

Analyser “Franz von Suppé”

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| Measuring method | Spectrophotometric |
| Measuring interval | Continuous or discontinuous (programmable or external start) |
| Measuring ranges | 0.005~1.000 mg/l (ppm), other ranges on request |
| Accuracy | ± 3% based on full scale |
| Resolution | 0.005 mg/l |
| Calibration | Automatic |
| Sample volume | 75~200 ml per measurement |
| Signal output | 4~20 mA |
| Power supply | 230 V AC ± 10%, 50 Hz, optional 115 V AC oder 24 V DC |
| Power consumption | Approx. 50 VA |
| Sample temperature | 5~40 °C |
| Operating conditions | Ambient temperature, humidity up to 95%, non-condensing |
| Protection class | IP 66 |
| Dimensions | 500 mm × 700 mm × 350 mm |
| Weight | Approx. 35 kg |

Product code 749 010

Special Models

Also available as dual-parameter analyser Aluminium & Iron.



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