

Application notes: Customer Success in the Netherlands

By Huib Versluis, Techmation, NL

If you're in Holland and drink a glass of water... thank Kemtrak!

In the Netherlands, drinking water is produced by purifying groundwater. Groundwater is pumped from aquifers up to 40 to 200 meters deep. Once this water is brought to the surface it is aerated and then filtered through sand filters to remove iron which imparts an ill flavour and a brownish colour.

Up until recently automatic titration units have been employed to control the filtration stages that are used to keep the colour of the water below 5 Platinum Cobalt (Pt/Co) or Hazen colour units.

Our customer was looking for a maintenance free alternative that could replace the batch-wise titrators and we presented the Kemtrak DCP007 photometer.

To be able to monitor the required 5 ± 0.2 ppm Pt/Co a 200mm long pass flow-cell was used and a second wavelength was used to compensate for fouling and turbidity. The analyzer was factory calibrated and only required zeroing before it could be used. The installation was simple and in just over one hour we were continuously monitoring the customer's water.



Simple installation. A Kemtrak DCP007 photometer with a long pass flowcell

The DCP007 photometer was evaluated over three month period and the customer was convinced we could deliver what we promised.

The Kemtrak DCP007 photometer is

“Very reliable for continuous analyzing in an unmanned process where 100% up-time / availability and no maintenance is needed”

Furthermore the customer reports

*“No drift over period of months;
a very stable reading”*

Thanks to Kemtrak & Techmation, our customer has now seen the light - 455nm to be precise! Two additional units have been ordered.

KEATRAK

Kemtrak AB

Box 2940
187 29 Täby
Sweden

Phone:
+46 705 729300

E-mail:
Info@kemtrak.com

Fax:
+46 8 756 5232

Web:
<http://www.kemtrak.com>