

Continuous Chlorine Residual Analysis



Key Benefits

- Compact, portable and easy to install.
- Flexible usage - enables chlorine monitoring in the distribution network as well as at distribution sites such as reservoirs and booster stations.
- Improves water quality - enables improved chlorine monitoring for customer investigations after complaints.
- Cuts operational costs as the equipment can be serviced and maintained by utility personnel directly.
- Long asset lifecycle as equipment can be utilised over and over again at different sites.
- Cost-effective ongoing maintenance as spares are easily available and parts are interchangeable providing robust reliability.

In the past the water industry relied heavily on single-shot analyses to determine the required chlorine dosing strength needed to maintain end of line minimum permissible chlorine residual levels.



Introducing ChlorNet from ATI, portable battery powered distribution monitoring for residual chlorine, available exclusively in Ireland through EMR Integrated Solutions. ChlorNet has the following unique feature pack:-

- Battery operated
- Communicate directly to your SCADA system
- Data hosting service platform with remote access
- Historical trends, reports and alarming by text or email
- Integrates into your Alarm Management System
- Two channel RTU
- Fully submersible to IP68
- Ideal for modelling chlorine networks
- Identify best position for chlorine booster points
- No need for Kiosks

Specification

One sensor that offers continuous monitoring of 0-2.000, 0-20.00 or 0-200.0 ppm

Continuous monitoring of free chlorine or monochloramines gives the user much better data regarding flushing and network monitoring.

Polarographic membrane sensor to measure directly without the need for chemical reagents.

An inbuilt logger that can talk directly to your SCADA and offers customer selectable logging intervals.

4 pin military spec connector that can be used with the original GRPS loggers.

The IP68 unit fits inside the hydrant chambers with ease.

The batteries can be taken out and replaced on a monthly or three monthly basis.

The ChlorNet can connect to any pressure tapping point. Deploy in seconds where a pressure tapping exists or use the quick connect hydrant cap available from EMR