Technical Note 158

AutoFlush

Introduction

The AutoFlush from Pi is allowing the trouble free installation of disinfection monitoring sensors in applications previously impossible due to entrained solids and FOG (Fats, Oil, and Grease). This technical note describes the different AutoFlush options and provides some examples of where they are used.

Where are AutoFlushes from Pi used?

Anywhere where the sample contains solids or FOG that would normally rule out the successful monitoring of a disinfectant e.g.
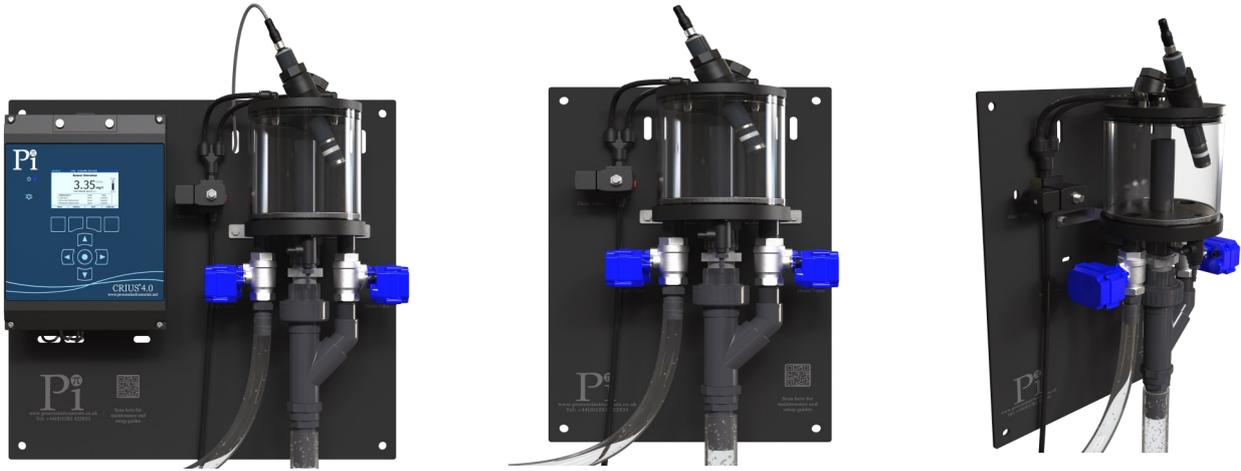
- **Free chlorine in fruit/salad washing**

- **Total Chlorine in the paper industry**

- **Peracetic Acid in meat washing**
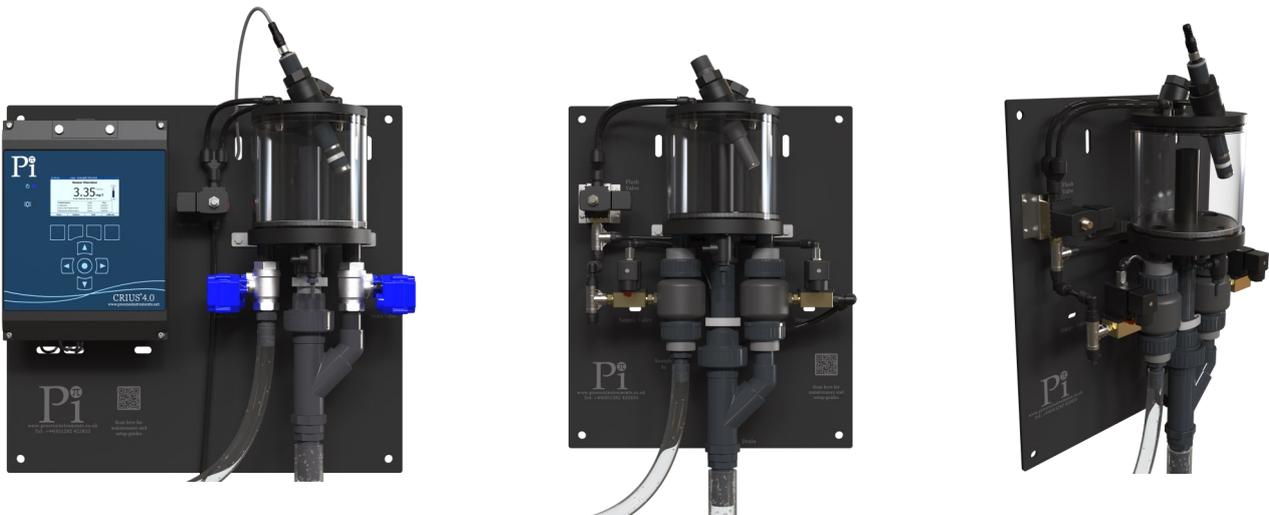
- **AutoFlush Clean**

AutoFlush Clean is slightly less expensive than AutoFlush Fibre, the difference being that it is equipped with motorised ball valves which are suitable for most applications but can become blocked with fibrous applications such as in paper or pulp.

- **AutoFlush Fibre**

AutoFlush Fibre uses automated pinch valves. It is slightly more expensive but suitable for all process waters including up to 3% paper stock!

- **AutoFlush Process**

AutoFlush Process is available on both the AutoFlush Fibre and the AutoFlush Clean. It takes a process signal and incorporates routines to clean itself and keep the sensor wet on non-continuous or batch processes.