



## Summary



<b>Industry:</b>	Water & Waste Water
<b>Application:</b>	Dosing Pump
<b>Actual Saving:</b>	£690
<b>Payback Period:</b>	N/A



## Digital Dosing Pump Minimises Energy Consumption

The SMART Digital Dosing Pump operates at full stroke length ensuring optimum accuracy, priming and suction

### ISSUE

A Water Company were looking for a replacement dosing pump for a Wallace & Tiernan pump that had recently failed in operation.

The original pump, although not that old, had recently been superseded and the new model was now being offered with a long delivery lead time of 6 to 8 weeks. This was unacceptable to the Water Treatment Works Manager - so he contacted ERIKS to review the application and offer an alternative pump.

### SOLUTION

ERIKS are one of the UK's largest industrial distributors of Grundfos pumps, with this in mind we selected the Alldos range of dosing pumps.

The SMART Digital DDE is a compact positive displacement, diaphragm dosing pump with variable-speed drive (stepper motor) and intelligent control electronics with minimum energy consumption.

The SMART Digital Dosing series operates at full stroke length to ensure optimum accuracy, priming and suction, even for degassing liquids. The duration of each discharge stroke varies according to the capacity set, resulting in optimum smooth and continuous discharge flow.

The pump for this particular application was available ex stock, enabling only a short down time period for the Water Treatment Works.

### OTHER BENEFITS

- Long lifetime and universal chemical resistant full-PTFE diaphragm
- Deaeration valve for easy start-up
- Double ball valves for highest dosing accuracy

### FURTHER COMMENTS...

The click-stop mounting plate allows installation in three different positions without using any additional accessories. The dosing flow can be adjusted by means of an adjustment knob on a logarithmical scale from 0.1-100%.

### MORE INFORMATION

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