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“Integrated chemical dosing system with extreme precision”

ECO EFFICIENCY systems
| Customized systems | Optimal performance |

PITTSBURGH
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solutions@pumpactioncorp.com

ECO EFFICIENCY systems
| Customized systems | Optimal performance |

www.pumpactioncorp.com
**GRUNDFOS DDA-FCM DIGITAL DOSING PUMP**

- Digital dosing/step-by-step motor
- Piston stroke always operating at 100%
- 1:3000 pumping ratio
- Automatic deaeration
- Multilingual retro-light touch screen in 4 colours
- Actual flow rate and pressure measurement

**DOSAPACTM PLUS CONTROLLER**

- Multilingual monochromatic 3 colour touch screen
- 3.4 inch 200 x 800
- 333 MHz processor/16 MB memory
- PLC M168 Controller with RTC clock
- Automated pumps alternation
- Alarm management
- Full communication

**DUPLEX DOSAPACTM SYSTEM**

- 2.5” pressure gauge with insulator
- Calibration column
- Relief and back-pressure valves
- Grundfos DDA-FCM dosing pumps
- Thermo-coated HDPE dosing panel, corrosion-resistant
- Retention sink with integrated drain
- Aluminum, Stainless Steel or Fiberglass frame
- Polyethylene tanks
- Secondary containment basins

**CONTROLPACTM**

- Compact multifunction analyser
- Residual chlorine, pH analysis and temperature adjustment
- Turbidity analysis if required
- Digital and posted graphic values
- RS232, Modbus, Device Net, CANopen, and Ethernet communication
- PID integrated control loop

**ECO EFFICIENCY systems**

- Amperometric membrane capture cells
- 0 to 10 ppm residual chlorine reader, 0.01 ppm resolution
- 0 to 14 pH reader
- Temperature adjustment
- Integrated pressure regulation

- Turbidity analysis cell
- Nephelometry method
- White tungsten light source
- 0 to 200 NTU reader, 0.001 NTU precision
- Bubble rejection system
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**Amperometric membrane capture cells**

- 0 to 10 ppm residual chlorine reader, 0.01 ppm resolution
- 0 to 14 pH reader
- Temperature adjustment
- Integrated pressure regulation

**Residual Chlorine Analyser with pH and temperature compensation mechanism**

**Turbidity analysis cell**

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- White tungsten light source
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