



Get the right mix



Together we can give you everything

Grundfos and Alldos have joined forces. Integrating our product portfolios under the new 'Grundfos Alldos' brand, we are now the full-line solution provider for all your dosing and disinfection applications.

You now benefit from a far broader scope of expertise and technology. Grundfos Alldos provides you with the very best in:

- Digital Dosing™ pumps

- Mechanical dosing pumps
- Hydraulically activated dosing pumps
- Disinfection systems
- Measurement and control
- Turnkey project management

Together we give you precisely the right mix.

The right amount of experience and expertise

A winning blend of unique competences ensures that you get the very best technology and service.

Founded in 1945 in Bjerringbro Denmark, Grundfos is a leading global supplier of innovative pump technology and the pioneer of Digital Dosing™. Alldos, established in 1968 in Pfinztal Germany, is also an industry leader whose vast expertise encompasses

dosing pumps, measurement and control, and disinfection technology.

Together we can put even more resources into the constant development of new and better dosing and disinfection technology.

Grundfos Alldos has the experience, expertise, resources, and range to deal with absolutely all your needs.



Vaccuperm
The Vaccuperm disinfection system measures chlorine gas concentration and controls dosing flow.



Conex
These user-friendly universal measuring amplifiers and controllers operate over a very extensive parameter range.



DMH
The robust DMH range of piston diaphragm pumps provides high pressure capability and a wide dosing range up to 2 x 1500 l/h.



DME
The DME series of high precision digital dosing pumps doses accurately from 2.5 ml/h to 940l/h.





A shared vision for water technology

Grundfos and Alldos have become one because both companies share a commitment to the proper treatment of our most valuable natural resource, water. Together we can pursue this goal on a global scale because we have an in-depth understanding of the culture, needs and practices of each region we operate in.

Get the right mix everywhere
Grundfos Alldos is represented through own companies in 41 countries and has a network of hundreds of service partners that spans the globe. The entire network benefits from the

expertise collected at the five new Grundfos Alldos competence centres. These specialised centres develop solutions to cater to all of your dosing and disinfection needs, and are located in:

- Germany – Pfinztal
- Australia – Brisbane
- South Africa – Pretoria
- China – Shanghai
- USA – Atlanta

These five continental competence centres are your sales and technical support partners in the existing Grundfos Alldos network. They provide you with quick answers to any questions or queries you may have. Customising and

adapting pumps and systems to local needs, they will keep you up-to-date with all the latest developments in dosing and disinfection technology. Backed by our worldwide dosing and disinfection headquarters in

Pfinztal Germany, all centres offer you the full range of products, services, and complete technical support.

Find your local partner on
www.grundfosalldos.com

Pioneering digital precision

Grundfos Alldos not only makes dosing more precise, we make it user-friendly.

Since our pioneering introduction of Digital Dosing™, we have constantly developed our products in answer to your needs. The addition of our groundbreaking DME 375 and DME 940 pumps for larger doses means our unique Digital Dosing™ range now delivers precise doses from 0.0025 l/h all the way up to 940 l/h.

And with pumps that have turndown ratios of up to 1:1000, you can always get a pump to dose exactly what you need. With our DME range, we can offer plug'n'play

Digital Dosing™ technology. Simple, logical user-interfaces with easily read displays make it a straightforward task to set required doses on our pumps – in any of the 14 pre-programmed languages.

Digital Dosing™ is simply better:

- Easy to install, prime and calibrate
- High turndown ratios enable each pump to deliver a broad spectrum of doses

- Adjustable suction speeds enable reliable, precise dosing of viscous liquids
- Variable motor speed in our DME/DDI pumps eliminates vibrations and ensures an even, precise dosage every time
- Full stroke lengths help prevent gas build up in the dosing head
- An optional Profibus interface allows simple and extensive communication of the pump with the process control system



A new way to monitor

Now you can always know exactly what's happening in the dosing head itself. Our new user-friendly Flow Monitor for Digital Dosing™ DDI pumps provides complete flow and pressure monitoring with an unprecedented level of precision and reliability. No matter how small the quantity dosed, this award winning innovation will provide you with a unique combination of monitoring functions:

- Dosing malfunctions – on both the suction and pressure side – are detected and reported immediately and reliably, even with very low volumetric flows and a low number of strokes
- The system is monitored for excess pressure on the pressure side. Simply set the maximum permissible pressure in the dosing head and the pump will automatically stop if it is exceeded
- Prevailing pressure is measured continually and can be queried at the touch of a button
- The new AutoCal function for DDI 222 pumps adapts dosing to pressure fluctuations in the system

The Dosing Monitor is optionally mounted on the pressure side of DME pumps. Without any adjustment, it measures the pressure increase in order to detect hydraulic deviations.

Liquid information

Grundfos Alldos measurement systems keep you constantly informed of the levels of your chosen parameters in the liquid.

Measuring amplifiers and controllers

The Conex® range of measuring amplifiers and controllers cover all the parameters you need in water treatment processes. Available as wall mounted or panel installations, they incorporate a host of unique technologies including the ability to measure chlorine levels while simultaneously using automatic pH and temperature compensation. Safe, user-friendly

and operational in a choice of languages, the Conex® range enables you to precisely measure and control the following:

- Chlorine
- Chlorine dioxide
- Ozone
- pH
- Redox
- Hydrogen peroxide
- Peracetic acid
- Conductivity
- Fluoride

Reliable sensors

Our range of measuring electrodes and cells provide accurate information on a wide range of parameters. Designed specifically for water treatment, we can supply you with pressure-proof cells, maintenance free single-rod probes, and membrane-covered measuring electrodes.



The Conex range of high-precision controllers includes complete preassembled systems for easy installation.





Pure genius

Grundfos Alldos disinfection systems are designed to meet all your water treatment requirements in drinking water, industrial/process water, wastewater and swimming pool applications.

Clean, thorough and cost effective

Our Oxiperm systems generate the disinfection agent chlorine dioxide directly onsite. Applied precisely and automatically through the system, this compound works quickly and has no odour. It can be used as a strong algicide, bactericide, and germicide, and disinfects optimally through a wide pH range.

Cost effective, safe, and easily integrated, Oxiperm chlorine dioxide systems meet all your requirements.

Innovative control

The Vaccuperm gas disinfection systems deliver precise doses of chlorine, with excellent repeatability. All components of our gas systems are designed to work optimally and safely

together. State-of-the-art sensor and electronic technology measures gas concentration and controls dosing flow, giving you smooth, automatic performance.



Just tell us what you need

Grundfos Alldos has the know-how and resources to handle your application, no matter how complex it is. From meeting specific product requirements to supplying complete, turnkey solutions, we're prepared for anything.

The Grundfos Alldos project engineering team supplies turnkey water treatment solutions to dosing installations all over the world. If you require it, we can handle your entire project, from planning through to design, cost evaluation, commissioning, and maintenance.

Our skilled team can provide you with complete dosing solutions for water treatment such as flocculation, precipitation, pH correction, and conditioning. We can also design and build entire dosing systems for gas scrubbers, effluent and wastewater treatment,

air-cooling systems, as well as cleaning and process control within the food and beverage industry.

To find out more, check out our website or contact your nearest Grundfos Alldos competence centre.

Digital Dosing™

Digital Dosing™ is innovative, user-friendly technology that ensures smooth and easy dosing with a minimal number of variants.

Up to 48 l/h

DME



Capacity: 2.5 ml/h-48 l/h
Pressure: 18-2.6 bar
Setting range: 1:1000

DDI model 209



Capacity: 5 ml/h-20 l/h
Pressure: 16-3 bar
Setting range: 1:100

Up to 150 l/h

DME



Capacity: 75 ml/h-150 l/h
Pressure: 10-4 bar
Setting range: 1:800

DDI model 222



Capacity: 75 ml/h-150 l/h
Pressure: 10-4 bar
Setting range: 1:800

Up to 940 l/h

DME



Capacity: 470 ml/h-940 l/h
Pressure: 10-4 bar
Setting range: 1:800

Mechanical Dosing

Mechanical Dosing pumps cater for a wide range of applications, including those which may have special requirements, such as explosion proof areas.

Up to 18 l/h

DMS



Capacity: 25 ml/h-12 l/h
Pressure: 11-3 bar
Setting range: 1:100

DMI model 208



Capacity: 30 ml/h-18 l/h
Pressure: 16-3 bar
Setting range: 1:10

Up to 2 x 765 l/h

DMX model 221



Capacity: 0.4 l/h-115 l/h
Pressure: 10-4 bar
Setting range: 1:10

DMX model 226



Capacity: 2.4 l/h-2 x 765 l/h
Pressure: 10-3 bar
Setting range: 1:10

Up to 2 x 4000 l/h

DMX 227



Capacity: 43 l/h-2 x 4000 l/h
Pressure: 5-3 bar
Setting range: 1:10 (with frequency converter)

Up to 2 x 1500 l/h

DMH 25X and 28X



Capacity: 0.15 l/h-2 x 1500 l/h
Pressure: 200-4 bar
Setting range: 1:10

Measurement and control

A complete range of easy-to-use amplifiers, with multi-parameter measurement, for measurement and control in a wide range of disinfection applications.

Advanced measurement

Conex DIA-1/DIA-2/DIA-2Q



Single and double measuring amplifier and controller

Monitoring and control parameters: Chlorine, chlorine dioxide, ozone, hydrogen peroxide, peracetic acid, pH, redox or fluoride

Standard measurement

Conex DIS-PR/DIS-D



Monitoring and control parameters:

DIS-PR: pH or redox

DIS-D: Chlorine, chlorine dioxide, ozone

Pool controller

DIP



Monitoring and control parameters:

Parameter 1: Chlorine or chlorine dioxide or ozone

Parameter 2: pH

Parameter 3: Redox

Standard measurement

Conex DIS-C



Monitoring and control parameter: Conductivity (using either conductive or inductive measuring probes)

Compact systems

DIS-PR-A, DIS-D-A, DIA-1-A, DIA-2-A, DIA-2Q-A and DIP-A



The preassembled systems from Grundfos Alldos are delivered with an amplifier and controller and your choice of measuring cell and cleaning method

Photometer

DIT



Monitoring parameters: Aluminium, ammonium, chlorine (free or compound), chlorine dioxide, chromium, cyanide, cyanuric acid, fluoride, hydrazine, iron, manganese, nickel, nitrate, nitrite, ozone, pH, phosphate, redox, temperature

Disinfection

Disinfection systems covering the most important water treatment methods from chlorine gas to chlorine dioxide.

Chlorine Dioxide Systems

Oxiperm Pro



Capacity: Up to 10 g/h
Method: Chlorite/acid

Chlorine Dioxide Systems

Oxiperm OCD



Capacity: Up to 2,000 g/h
Method: Chlorite/acid

Chlorine Dioxide Systems

Oxiperm OCC



Capacity: Up to 10,000 g/h
Method: Chlorite/acid

Chlorine Dioxide Systems

Oxiperm OCG



Capacity: Up to 10,000 g/h
Method: Chlorite/chlorine gas

Chlorine Gas Dosing

Vaccuperm



Capacity: 4 kg/h-10 (200) kg/h
Method: Vacuum gas dosing

Chlorine Electrolyser

Selcoperm



Capacity: Up to 2,000 g/h (higher capacity on request)
Method: Electrolytic chlorine production



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– at www.grundfosalldos.com

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