



Exclusive
Representation

W A L C H E M

Controllers and Sensors
Water treatment at its best



WALCHEM

A world leader
in water treatment

Anyone who needs pH, redox and conductivity controllers or special controllers for cooling or boiler water conditioning knows WALCHEM. When it comes to sensor and control systems for water and surface technology, this company is one of the top addresses.

WALCHEM controllers are designed for uncompromising quality. It starts with the development work and applies to all phases of the manufacturing process. The result is products that keep their promises. And they do it persistently for a long time.

#Walchem

"Intuition-9" controller



▲ "Intuition-9": *Unparalleled versatility in water treatment.*

Standard features:

- ▶ up to 12 relay outputs
- ▶ 12 digital inputs
- ▶ Ethernet card
- ▶ mechanical relays or opto outputs for pulse-proportional control of dosing pumps with contact input

Options:

- ▶ 8 different card types
- ▶ 8 universal sensor inputs or up to 24 analog inputs (4-20 mA)
- ▶ 16 analog outputs
- ▶ Modbus TCP
- ▶ BACnet

"Intuition-6" controller

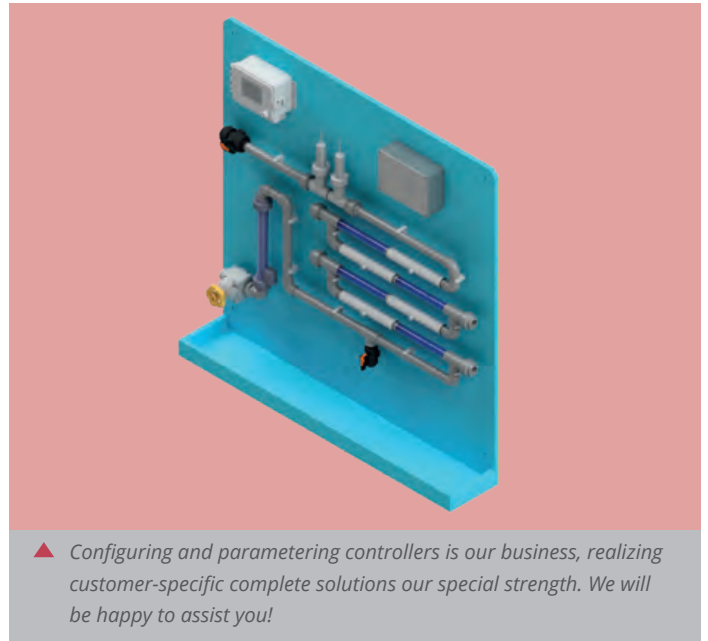


▲ "Intuition-6": *Reliability and flexibility for water conditioning.*

WALCHEM - Cutting-edge technology for online analysis

Anyone operating cooling water systems or wet separators in Germany has to comply with the requirements of the Federal Emission Control Act (42. BImSchV). In most cases, systematic cooling water management is a must. Various parameters such as pH/ORP, conductivity and disinfectant content are used to assess water quality and hygiene status. Biocides are dispensed as required and the cooling tower is desalinated depending on the conductivity.

As an exclusive partner of WALCHEM, MPT designs tailor-made systems that incorporate different control variables and comply with the required hygiene standards safely and efficiently.



▲ *Configuring and parametering controllers is our business, realizing customer-specific complete solutions our special strength. We will be happy to assist you!*

” Perfect plant technology requires top components in perfect interaction. That’s why we work consciously with market-leading partners.“

Oliver Brehmer / MPT, Measurement and dosing technology

Standard features:

- ▶ Mechanical relays or optocoupler outputs for pulse-proportional control of dosing pumps with contact input
- ▶ 6 relay outputs
- ▶ 6 digital inputs

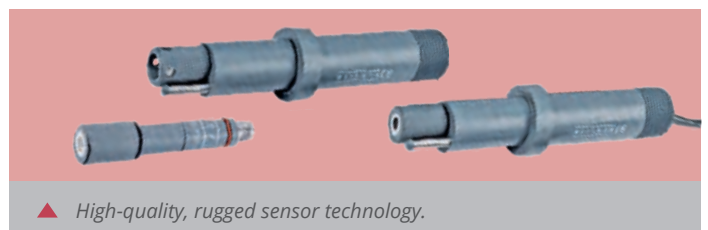
Options:

- ▶ 2 analog outputs
- ▶ Ethernet card
- ▶ Modbus TCP / BACnet
- ▶ 4 different card types
- ▶ universal sensor inputs or up to 4 analog inputs (4-20 mA)

Sensors

The high-quality sensors are carefully matched to compatibility with WALCHEM controllers and include:

- ▶ Inductive or conductive conductivity measurement
- ▶ Free chlorine/bromine/total chlorine/chlorine dioxide
- ▶ Online corrosion measurement
- ▶ Hydrogen peroxide
- ▶ Peracetic acid
- ▶ pH
- ▶ ORP (Redox)
- ▶ Ozone



▲ *High-quality, rugged sensor technology.*



MPT·DosING

by professionals.

MPT DosING is your engineering specialist for design, planning and construction of individualized chemical dosing systems for water treatment and numerous technical processes.

MPT DosING - Your specialist for customized plants and systems

- ▶ accurate dosing
- ▶ optimal control
- ▶ perfect mixing

Key Industries



Power Plant
Technology



Chemical
Industry



Petrochemistry
Oil & Gas



Chemicals
Trade



Alternative
Energies



Industrial
Wastewater

#Engineering + Plant Construction

Exclusive representations

Leading manufacturers are among our exclusive partners for Germany and Europe.

WALCHEM



MILTON ROY

MPT proprietary products

MPT dynamic inline mixers and MPT suction lances: well thought-out solutions resulting from our many years of experience.

MPT·DIN series

MPT·SL series

We look forward to your challenges

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