

MATIC PRODUCT LINE

The MATIC product line of temperature control units covers all the needs of production environments leveraging industrial networks. The entire MATIC product line is equipped with the new and in-house developed IRIS controller, offering a broad range of connectivity features. It covers the time-tested serial and digital/analogue interfaces, classical fieldbus protocols, as well as current state-of-the-art industrial ethernet (Profinet, EtherNet/IP).

The MATIC temperature control units put your economic goals into practice. The energy-saving eco mode leverages the latest-generation variable-frequency drive installed in every MATIC unit. More intelligent look-ahead temperature control prevents unnecessary energy expenses for heating and cooling. All the while our proven immersed heaters offer a 100% conversion efficiency. In short, MATIC brings the energy consumption of your temperature control process, as well as downtimes, to a minimum.

Features and benefits of the MATIC product line

- OPC-UA interface (coming soon)
- Web interface (LAN cable, WLAN coming soon)
- Intuitive user interface - quick to learn
- Precise and robust control
- Designed for energy efficiency and precision
- Economic thanks to new ECO mode
- Easily configured behaviour
- Fully-automated sub-steps and formula memory
- Information available at any time
- Constant data monitoring and validation
- Electronically accessible process documentation: optimum support for meeting ISO requirements



1 Universal temperature control units
MATIC Duo, Heat transfer medium water or oil
up to 90°C/150°C / up to 194°F/302°F



2 Water temperature control units
MATIC Water, Heat transfer medium water
up to 90°C / up to 194°F



3 Pressurized water temperature control units
MATIC Water, Heat transfer medium water
up to 160°C / up to 320°F



4 Oil temperature control units
MATIC Oil, Heat transfer medium oil
up to 360°C / up to 680°F