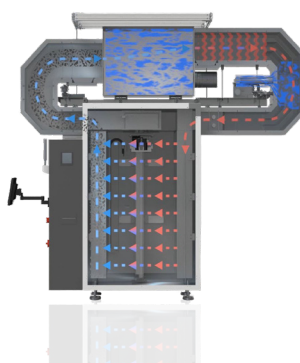


VERDICO – Self-sufficient environment directly in the process

Air conditioning module on process machine

VERDICO



Description

VERDICO modules for process machines enable sophisticated manufacturing or assembly processes to be carried out under precisely measurable and controllable ambient conditions - independently of the surrounding production area. VERDICO generates a controlled atmosphere directly at the process and does so completely autonomously and flexibly.

Requirements for temperature, relative humidity and cleanliness class are met reliably with our modules. Whether dry, air-conditioned, clean, a corresponding combination of these - or even all types of air treatment at once - VERDICO air-conditioning technology adapts to every requirement and can be used flexibly.

VERDICO Dry

VERDICO Dry can also be used to effectively protect moisture- and corrosion-sensitive components during processing.

VERDICO Clean

VERDICO Clean makes it possible to create cleanroom conditions within a wide variety of process machines. This provides even better protection for contamination-sensitive components in the production process.

VERDICO Clima

A constant ambient temperature ensures consistent quality in temperature-influenced processes. Whether cooling or heating, with VERDICO Clima you produce under controlled conditions.

VERDICO Combi

With VERDICO Combi, a combination of the systems is possible - dry, air-conditioned and produce under clean room conditions.

VERDICO can be used for a variety of applications in a wide range of industries, such as microelectronics, semiconductors, automotive, optics, pharmaceutical/medical, food, aerospace and research.

Your advantages at a glance:

- _ Autonomous controlled ambient condition inside a process machine
- _ Absolute safety of the most sensitive parts
- _ Specially adapted to your process
- _ Flexibly adjustable depending on the expansion stage
- _ Traceability thanks to reliable traceability software

Controlled atmosphere inside process machines

VERDICO

VERDICO Dry

- _ Relative humidity <3% possible
- _ Fast dehumidification
- _ Controlled process ensures constant humidity values

VERDICO Clean

- _ Clean room classes from ISO class 5 to 8
- _ Hygienic design
- _ Filter classes (pre-filter F5 to F9, main filter H13 to H14)

VERDICO Clima

- _ Produce in the temperature range of 20-50°C
- _ Constant temperatures up to +/- 1°C possible
- _ Other temperatures possible on request

VERDICO Combi

- _ Produce humidity regulated (3% or 60% relative humidity)
- _ Clean room classes from ISO class 5 to 8
- _ +/- 1°C temperature constancy
- _ Constant temperatures up to +/- 1°C possible



Complete service from a single source

- › We offer products and solutions tailored to your needs
- › Defined internal processes and short decision-making paths enable a sensible use of resources and consistent technical development of our products
- › From commissioning to maintenance and after-sales service to qualification - all from a single source
- › Many years of cross-industry experience in the development of air-conditioning technology and cleanroom solutions

www.asys-reinraum.de

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Subject to change.
All information listed is general descriptions and performance features which in actual case of use do not always apply in the form shown or which may change due to ongoing product development. Only the contractually agreed performance descriptions are considered binding.
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