



ECOTROC® KT-S



ECOTROC® IQ



NITROGEN & OXYGEN

NEW:

- + ECOTROC® KT-S: our self-developed refrigeration dryer
- + ECOTROC® IQ: the new range with load-dependent control unit
- + Nitrogen and oxygen generators: back in the KSI portfolio

MORE INFORMATION?

Please send us an email at export@ksi.eu.



The answer will come after the exhibition.

Dear Partners of KSI,

we start this edition of the KSI NEWS with announcing three new products. The last time we did this was four years ago, and also back then we did not chose the date for the announcement randomly.

However, there is a big difference this time, as we have decided to not exhibit during this years edition of the Hannover Messe.

Rather, we have prepared this exclusive advance information for our partners with which we prove that KSI remains busy staying innovative and in finding answers to the challenges that face our industry. A key commitment: The reliability of our products and fully optimizing the energy-saving potential.

We believe that we have achieved both commitments with the new products, as we will further explain on the following pages.

Further information and more exciting details are available upon request and for this you can simply send us an e-mail at news@ksi.eu.

Yours truly,
the team of KSI Filtertechnik

More compact and more powerful: ECOTROC® KT-S

The new **ECOTROC® KT-S** refrigeration dryer stands out through its very compact size, high performance and highest reliability. This, in combination with the newly integrated control unit, makes compressed air treatment even more efficient and safe.

The A-grade components and stainless steel plate heat exchanger ensure reliability and product durability.

Most importantly: KSI can now step away from third party suppliers by introducing our self-developed refrigeration dryer. This is the start of a brand new era in the field of refrigeration dryer technology.



easily accessible connections – also for the built-in condensate drain **KONDRAIN® N1** (not in the picture. Will be supplied pre-mounted on the dryer)

The ECOTROC® KT-S Plus-Effects +++

- + Microprocessor control unit ensures reliable operation and excellent air quality
- + Easy and efficient installation
- + Integrated level sensed condensate drain **KONDRAIN® N1**

The maintenance advantages

- + easy panel connections for quick disassembly of the side panels without the use of tools. This ensures easy access to the inner parts of the **ECOTROC® KT-S**
- + clean and professional component lay-out allow for worry-free access and maintenance work to be carried out



Easy access to the well structured inner parts of the dryer



Automatic control unit for reliable operation and monitoring



Clever side panel connections

NEW Products



ECOTROC® IQ: The range with genuine load dependent control unit

Adsorption dryers are typically used in applications where stable and secure pressure dew points of at least -40°C are required.

Dryers within the range of **ECOTROC® IQ** achieve this process security in the most energy-efficient way possible, especially in compressed air systems where the air demand strongly fluctuates. The adsorption- and regeneration cycles are no longer determined by pressure dew point or time regulation, as is typically seen with heatless regenerated adsorption dryers.

The **ECOTROC® IQ** calculates the actual moisture load on the desiccant, allowing for a much longer adsorption phase than ever seen before!

**Saving
potential*
75%**



*Please reach out to us for questions regarding specific calculations and saving-potentials.

The ECOTROC® IQ Plus-Effects +++

- + Set-up of two rows of two vessels each ▶ By intelligently switching on or off a vessel, the IQ ensures an ideal compressed air flow within the dryer, thus offering maximum dew point reliability.
- + The stronger the fluctuation in air requirement, the higher the savings that can be achieved, compared to a pressure dew point controller.
- + During the regeneration phase, the dryer will only take the necessary amount of purge air required to ensure an optimal regeneration of the desiccant.
- + Purge air savings up to 75%, compared to time regulated control units, are possible. Here are extremely high energy-saving potentials to be won!
- + For the first time it is possible to have accurate predictions of the purge air consumptions in well-known volume flow profiles.
- + Consideration of the actual inlet conditions ▶ System safety and additional savings through load dependent control unit.
- + Rotation of the prioritized order of the vessels ▶ reduces mechanical impact on the desiccant.
- + Use of standard KSI components that have a proven track record in the market.

NEW Products



Back in the portfolio: Nitrogen- and Oxygen generators

After a short absence, we are proud to announce that we have added a brand new range of nitrogen- and oxygen generators to our product portfolio.

The nitrogen generators offer a purity of 95% to 99,999% and the oxygen generators offer 92% to 95% purity.

We offer a basic version that includes all necessary components as well as a high-end version with many features and product options.



Prices
available
now!