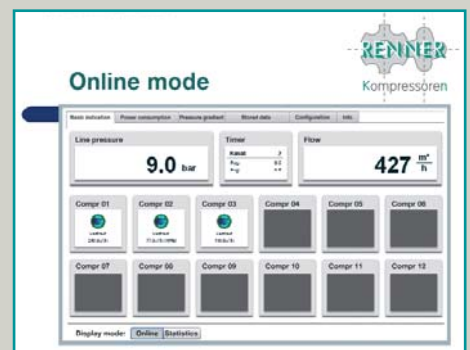


RENNER INTELLIGENT CONTROLLER THE MASTER CONTROLLER THAT PROVIDES SECURITY IN COMPRESSED AIR SUPPLY



Reduces operating costs considerably!



RENNER INTELLIGENT CONTROLLER – DEVELOPS YOUR COMPRESSED AIR SYSTEM ECONOMICALLY.

This intelligent interconnected system is an intelligent master controller for optimally administering and monitoring your compressed air station.

Its features include:

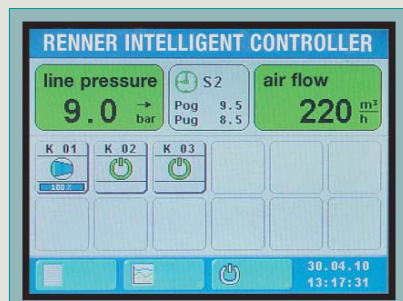
- Outstanding economy and reliability
- Great energy savings potential
- Operational security
- Intelligent, consumption-based compressor off load and switch-off
- Colour touch screen ensures easy operation

CHARACTERISTICS / SPECIAL FEATURES OF THE RENNER INTELLIGENT CONTROLLER:

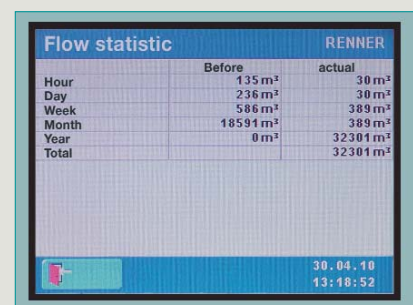
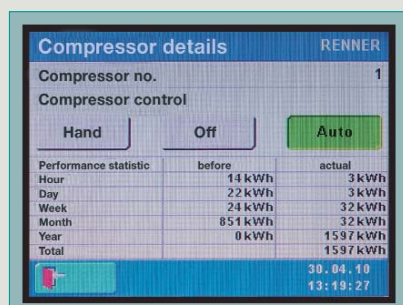
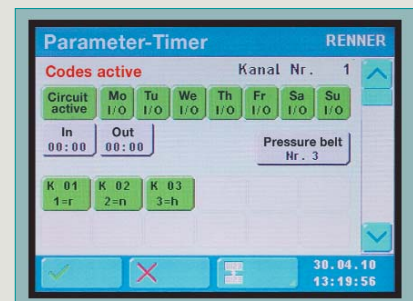
- Up to 12 compressors can be controlled, irrespective of whether they are:
 - RENNER compressors,
 - other makes
 - standard screw compressors with load / no load control
 - variable speed-controlled or fixed speed compressors
 - Piston- or screw compressors.
- All compressors operate in a common, narrow pressure band
 - Same switch on and off functions for all compressors
 - Pressure band can be reduced to a minimum
 - Impressive energy savings due to maximum pressure reduction
 - Older compressor stations become more economical in no time.
- All connected compressors are controlled via an RS 485 bus system.

ADVANTAGES OF THE RENNER INTELLIGENT CONTROLLER:

- Compressors with RENNERtronic or RENNERtronic Plus can be linked directly to the RENNER intelligent controller.
- Other makes or standard RENNER compressors need a compact module only to connect:
 - MK 200-F or DE 200-F for standard compressors,
 - MK 200-V or DE 200-V for frequency-controlled compressors
 - MK 200 modules: Control modules for installation in the control cabinet
 - DE 200 modules: Control modules in a wall-mountable box.
- The RENNER intelligent controller determines the increased or reduced demand for compressed air via the increase or decrease of the system pressure and switches the suitable compressor on or off.
- Greatest possible energy savings (up to 30%) by preventing expensive idle run times, load / idle run switching cycles, pressure optimisation with 4 adjustable pressure bands as well as through maximum pressure reduction.
- Any combination of frequency-controlled and fixed speed compressors possible.
- Cost-effective installation thanks to simple cabling and compact, practical hardware.
- Further development, in particular customised software features, easily possible at any time.
- Easy commissioning thanks to clear menu guidance.
- Integrated, easy to program, graphical timer.



OPERATION BY MEANS OF A COLOUR TOUCH SCREEN



WEB SERVER – ALWAYS KEEP AN EYE ON YOUR COMPRESSED AIR STATION WHEREVER YOU ARE!



FUNCTIONS:

- The web server analyses all the data provided by the RENNER intelligent controller
- The analysis is both numerical and graphical
- The web server for the intelligent controller comprises an **online mode** and a **statistical analysis**.

In the online mode

current data are presented and statistics are recorded for as long as the web browser is open.

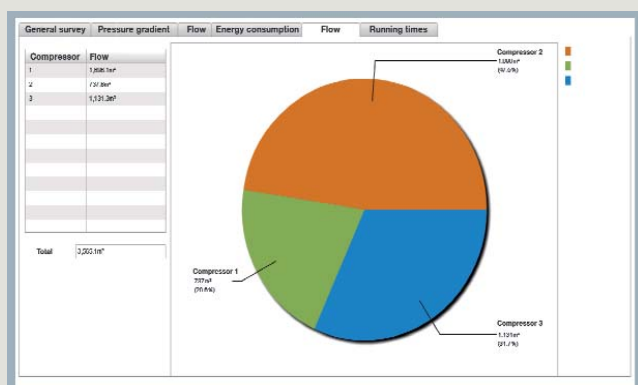
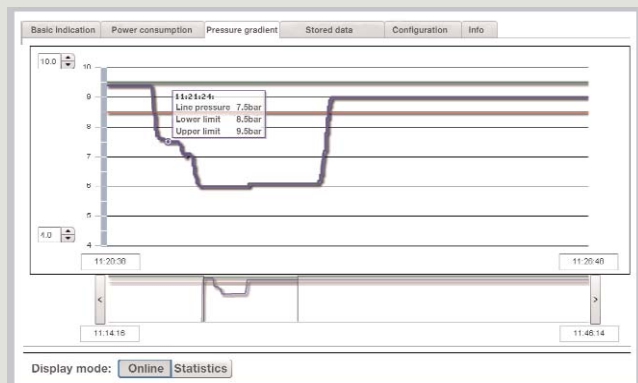
The online mode consists of:

- Basic display
- Compressor details
- Power consumption
- Pressure gradient
- Stored data (.csv file)

In the statistic mode

the following stored data are analysed graphically:

- Pressure gradient
- Flow rate
- Energy consumption (total consumption and per compressor)
- Flow supplied by each individual compressor
- Run times of the individual compressors
- The compressed air station can be analysed for periods of between one and 14 days.



RENNER – THE EXPERT IN SCREW COMPRESSORS



Set up in 1994, this familyrun company employs a highly

motivated and successful team specialising in the development and production of such compressor systems. The structure and size of the company bring flexibility in terms of decision-making and speed in terms of practical results, thus enabling new developments to be optimally tailored to the needs of the market.

THE RENNER PRODUCT RANGE:

We can supply you with the right compressor for any application – guaranteed.

SCREW COMPRESSORS

- From 1.8 to 355 kW, also for oil-free compressed air of breathable quality
- Up to 40 bar/oil-free, e.g. for manufacture of PET bottles
- Supplied as compact units with pressure tank, refrigeration dryer and frequency control
- Special version with plate heat exchanger – save energy and money!
- Customised models, mobile/portable, built-in units, designed to customer specifications
- For special applications: gas compression, operation of drilling apparatus, rail and special-purpose vehicles.

SCROLL*line*-COMPRESSORS:

- for oil-free compressors from 1.5 to 16.5 kW



COMPRESSED AIR ACCESSORIES:

- Filters, refrigeration dryers, adsorption dryers, condensate drains and disposal systems



Made in Germany

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RENNER GmbH · Kompressoren

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