



AIRSAVE ULTIMATE SYSTEM FOR ABSOLUTE SAFETY

✓ HMI TCC-Control

In order to optimize the operational safety, the comfort, the disturbance monitoring and the quality of the air, a new compressor control for stationary plants was developed. The control HMI control unit has a 7" multi color touch screen. USB ports, a W-LAN connection for reading in software updates and read-outs as well as visualization are also implemented, as is another interface for a CAN bus for connecting a remote control module, MSR and other extensions. Via this interface, e.g. An external filling panel can be equipped with the same functions and possibilities.

✓ AIRSAVE PRO E

Over a measuring sensor built in the dryer cartridge is recorded and sent to the AIRSAVE Pro E dryer cartridge saturation monitoring system. The condition of the cartridge is indicated by a simple traffic light system.

✓ AIRSAVE ULTIMATE (OPTIONAL)

Over the additionally integrated CO, CO₂, O₂ water in mg/m³, temperature, onitoring system the AIRSAVE-ULTIMATE unit supervises the legal standard limit for the compressor unit and switches off by exceeding these limit values. This function supervises the working reliability of the compressor and guarantees an optimal protection in a CO-CO₂ contaminated work surrounding field or irregular operating conditions of the compressor. The AIRSAVE ULTIMATE unit also supervises the service and oil change intervals. Optional also monitors the AIRSAVE - unit the CO₂, the temperature of the ambient air and the presence of flammable gases.

✓ AIRSAVE ULTIMATE OIL CONTROL (OPTIONAL)

From now on we also can measure VOC and the residual oil content in the compressed air permanently. A quantum leap! Filling with AIRSAVE ULTIMATE together with "AIRSCRUBBER" guarantee the compliance with the main parameters of the DIN EN 12021, DIN 8573 and intl. standards int. IDE defined with its integrated air monitoring AIRSAVE ULTIMATE OC the premium to the prior art.

✓ AIRSAVE ULTIMATE OIL GUARD-F (OPTIONAL)

Consists of the monitoring cell with touch display, which can be easily and quickly integrated in any breathing air system via a standard plug connection. The oils, hydrocarbons and aerosols contained in the compressed air cause various potential changes on the sensor, which are detected and evaluated by the electronics. The lifetime of the sensors is at least 7 years. This method provides fast monitoring results and requires little maintenance over the long term.



IDE defined with AIRSAVE ULTIMATE and AIRSAVE ULTIMATE OIL CONTROL the state of the art

IDE HMI-TCC CONTROL



- ✓ COMPACT UNIT
- ✓ SCRATCH-RESISTANT TOUCHSCREEN
- ✓ OPERATOR-FRIENDLY; INTUITIVE
- ✓ ATEX PROOF
- ✓ DEVELOPED-MANUFACTURED IN GERMANY

HMI
HUMAN MACHINE INTERFACE
State-of-the-art control unit for compressor and filling system—helps you save energy and thus make an eco-friendly contribution. This closes the circle to above picture. A highly sensitive, scratch-resistant, resistive GFG 7" glass touchscreen with intuitive operation. Starting with the 2017 models our compressors will be equipped with this control unit.

IDE-Compressors Manufaktur GmbH
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MADE IN BAVARIA
Ausgabe Datum: 31.05.2019 (AS)
Technische Änderungen vorbehalten
Illustrationen zeigen möglicherweise optionale Sonderausstattungen.



BREATHE - WE TAKE CARE OF YOUR AIR



IDE HMI- TCC-Control

computerized electronic can-bus HMI-Control with 7" scratch resistant GFG touch screen.
Adjustable Languages: German, English, French, Spanish
Showing the pressure with an analogue gauge and also digital.
Monitoring and control the infinitely adjustable end pressure on the touch screen,
the infinitely adjustable restart pressure.
Changeover between manual, semi- and fully automatic compressor operation.
Control and monitoring the automatic condensate drain
Monitoring and control the automatic CO₂ rinsing after starting the compressor
Control of the turn direction by phase control
Safety valve test, Condensate valve test, Power test, Tightness test,
Control and monitoring of the saturation of the dryer cartridges
Control and monitoring of the change over of the intake filter cartridge
Monitoring and control of endurance cycles of filter and separator housing
Control of the oil change interval with switching to temporary Emergency runtime.
Control of the oil filter change interval with switching to temporary Emergency runtime.
Collecting operating hours logging of normal working hours, the Emergency operating hours.
Automatic restart of operation following a power failure during operation
Award of service codes with allocations of allowances for operators and technicians.
Control and monitoring of the AIRSAVE ULTIMATE air quality measurement system,
Control and monitoring of the Fill-CONTROL filling panel with datalogger and printer,
Storage of all running modes and datas of the compressor and the filling panel,
the air quality measure system, the fill control, with output via wifi, usb in CSV format.
Error messages via SMS to freely assignable telephone or mobile number
Display of filling time and remaining filling time
Software update via USB

Optional available:

Monitoring and Control of the ampere to avoid damages on the compressor
Control and monitoring of the star/delta motor control
Control and monitoring the variable engine speed (filling speed)
Control and monitoring the temperature of all the compressor stages,
Control and monitoring the pressure of all the compressor stages
Control and monitoring of the oil level in the crank case
Control and monitoring of the oil pressure and the Oil temperature,
Control and monitoring of the ambient temperature in the compressor room,
Control and monitoring of the ambient temperature in the silent cabine,
Control and monitoring the level of the condensate in the condensate canister
Control and monitoring of the Priority Fill of the storage control
Control and monitoring of a downsteem cold dryer COOL & DRY, Automatic
Display of filling time and remaining filling time
Control and monitoring via Smartphone APP