

SIGMA AIR MANAGER 4.0

KAESER
COMPRESSORS

SIGMA AIR MANAGER 4.0
4

Automatic

10.04 bar

Station	Station	Status
▼ Compressors		Messages
C1 - BSD 75		Monitoring
C2 - BSD 75		Energy & costs
C3 - BSD 75		Maintenance
C4 - CSD 105 SFC		Control
▶ Dryer		SAM 4.0 Logic
▶ Filter		Time control
▶ Air receiver		Initial start-up
▶ Condensate treatment		Configuration
▲ ▼		Contact i

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SIGMA AIR MANAGER® 4.0

What's on the inside & what's in it for you.

The SIGMA AIR MANAGER 4.0 master controller ensures that your compressors and treatment components work together as efficiently as possible. A sophisticated control algorithm, that incorporates many years of KAESER compressed air engineering expertise, continuously simulates various switching sequences in the background and subsequently selects the most energy efficient option. You can therefore be rest assured that your compressed air is being produced as cost-effectively as possible. Furthermore, you can use the SIGMA AIR MANAGER 4.0 as a data gatherer to provide energy management in accordance with DIN EN ISO 50001 and to connect to energy efficiency management systems.

Industrie 4.0 by KAESER

KAESER SIGMA SMART AIR

The service package for predictive service

A unique combination of remote diagnostics and service ensures supply dependability and significant cost savings.

Live P&I diagram

Everything at a glance

All relevant parameters from the compressed air station are shown as a P&I diagram on a 12" display.



RFID card

Secure login

The integrated RFID interface ensures secure login for authorised personnel – without the need for cumbersome passwords.

KAESER SIGMA NETWORK

All components securely networked

All of the compressor station's components can be easily networked and integrated into the KAESER SIGMA NETWORK.

KAESER CONNECT

Operation, consumption and costs – any time, anywhere

All operational and energy consumption data, as well as cost information, can be called up on any network-compatible device, such as a tablet or smart phone.

Adaptive 3-D^{advanced} Control

Optimum efficiency

Monitors and controls compressed air system operation and predictively calculates the most efficient performance solution from numerous potential options.

Upgrade your compressed air station

Future-dynamic: SIGMA AIR MANAGER 4.0 grows with you

A simple software upgrade is all that's required to expand your compressed air supply system to meet future demand. There's no need to change your master controller hardware.

Energy management as per DIN EN ISO 50001

Your energy report quickly and simply

The SIGMA AIR MANAGER 4.0 is your perfect partner for operational data storage and provides data in accordance with DIN EN ISO 50001 at the press of a button.

On-demand energy reports – in the blink of an eye



As a leading compressed air systems provider, it goes without saying that KAESER provides unrivalled service and expertise when it comes to energy efficiency. The SIGMA AIR MANAGER 4.0 is a comprehensive solution that allows you to store and analyse all relevant energy-related data from your compressed air supply system, and then create specific reports for your certification - all in the blink of an eye.

How the SIGMA AIR MANAGER 4.0 works for you:

To reduce both the environmental impacts and costs for your business, the DIN EN ISO 50001 standard sets out how businesses should systematically and continuously improve their energy efficiency and rewards them accordingly through tax incentives and renewable energy surcharge rebates. The SIGMA AIR MANAGER 4.0 helps you create the associated certification reports effectively and quickly: the controller provides secure storage of your compressed air station's operating data, allows detailed analysis and provides energy balance information.



P-795ED Specifications are subject to change without notice! .117



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