

MKAS

Flexible analyzer system for process- and emission measurement applications

Measure intelligently. Reduce costs.

- Customizable to the measuring task thanks to the modular design
- Proven system components ensures high reliability
- Comprehensive service packages available (incl. installation and commissioning)



MKAS:

Flexible analyzer system for process- and emission measurement applications



Product Description

The MKAS gas analyzer system is used to measure a wide variety of exhaust gas parameters. The MKAS can be individually configured to suit the application-specific requirements. Whether used as a continuous emission monitoring system (CEMS) or as

a process gas analyzer system (PGA), the individual system components can be precisely tailored to customer requirements. MKAS is available in a standard size or as a space-saving compact version.

At a glance

- Analyzers and measured parameters can be retrofitted at any time
- Available in a standard size or as a space-saving compact version
- Meets the requirements for an automated measurement system (AMS) according to EU standards
- Sample gas bypass for very short response times

Your benefits

- Customizable to the measuring task thanks to the modular design
- Proven system components ensures high reliability
- Comprehensive service packages available (incl. installation and commissioning)

Fields of application

- Measurements in raw or clean gas
- Emissions monitoring, compliant with current EU directives
- Measurements in process gases



More Information online

For more information, enter the link or scan the QR code to get direct access to technical data, operating instructions, software, application examples, and much more.

www.endress.com/mkas



Technical data

The exact device specifications and performance data of the product may deviate from the information provided here, and depend on the application in which the product is being used and the relevant customer specifications.

MKAS

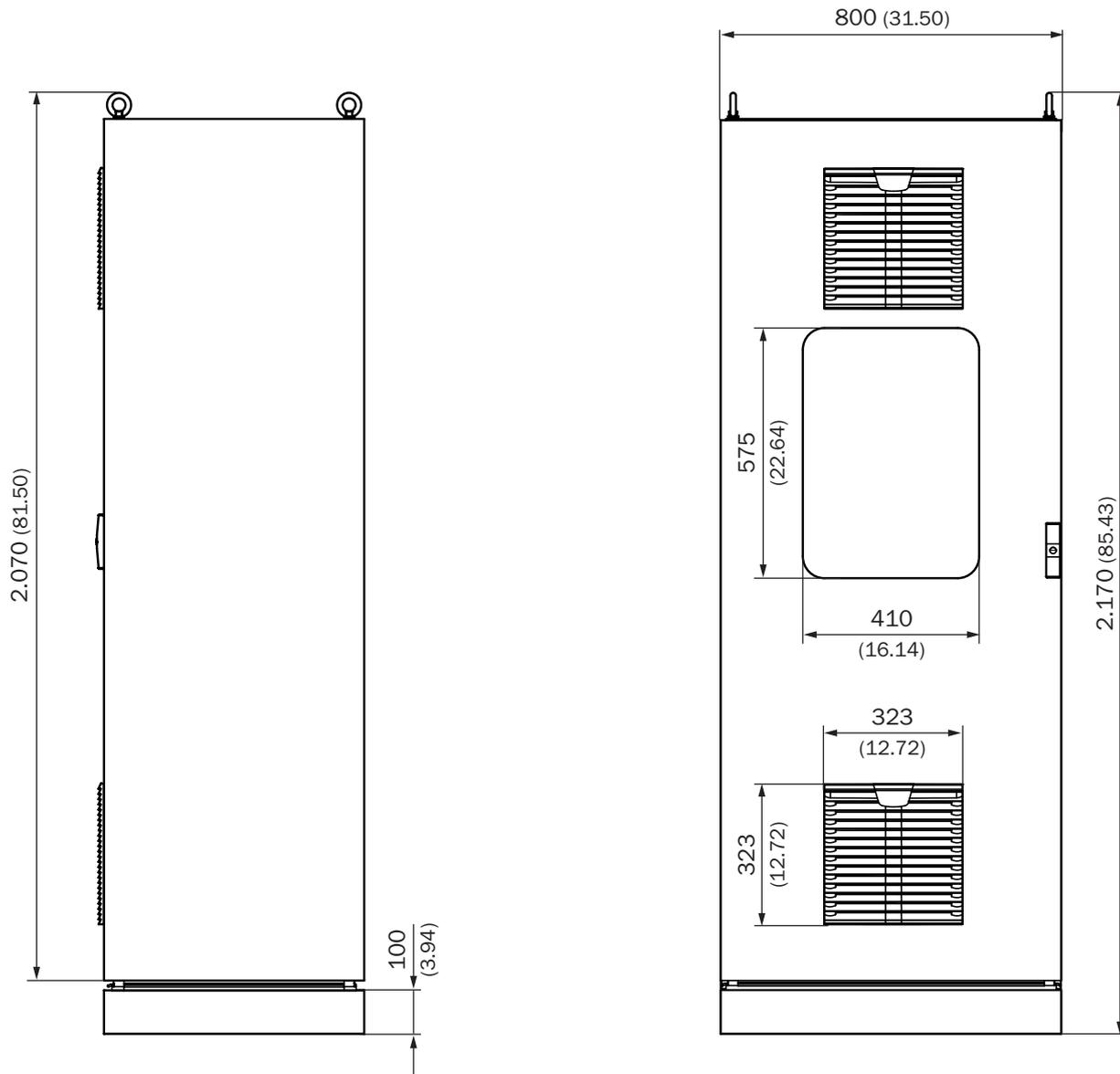
Measured values	O ₂ , CO, NO, NO _x , SO ₂ , Ar, CBrF ₃ , CClF ₃ , CCl ₂ F ₂ , CCl ₃ F, CHClF ₂ , CHCl ₃ , CH ₂ Cl ₂ , CH ₂ O, CH ₃ Cl, CH ₃ OH, (CH ₃) ₂ O, CH ₄ , CO, CO ₂ , CS ₂ , C ₂ Cl ₂ F ₄ , C ₂ Cl ₃ F ₃ , C ₂ Cl ₄ , C ₂ HCl ₃ , C ₂ H ₂ , C ₂ H ₂ Cl ₂ , C ₂ H ₂ F ₄ , C ₂ H ₃ Cl ₃ , C ₂ H ₄ , C ₂ H ₄ Cl ₂ , C ₂ H ₅ OH, C ₂ H ₆ , C ₃ H ₄ , C ₃ H ₆ , C ₃ H ₇ OH, C ₃ H ₈ , C ₃ H ₈ O ₂ , C ₄ H ₆ , C ₄ H ₈ , C ₄ H ₁₀ , C ₄ H ₈ O, C ₄ H ₉ OH, C ₅ H ₁₂ , C ₆ H ₁₀ O, C ₆ H ₁₂ , C ₆ H ₁₄ , C ₇ H ₁₆ , C ₇ H ₈ , C ₈ H ₁₀ , He, H ₂ , H ₂ O, NH ₃ , SF ₆ , N ₂ O
Measurement tasks	CEMS Efficiency measurement Incineration optimization Process monitoring
Performance-tested measurands	CO, NO, O ₂ , SO ₂ , CH ₄ , CO, CO ₂ , NO, NO ₂ , C _{org}
Measurement method	Cold extractive
Gas flow rate	Standard version: 30 l/h ... 60 l/h With bypass pump: 30 l/h ... 250 l/h
Ambient temperature	With cooling device: +5 °C ... +50 °C Without direct sun exposure
Electrical safety	CE
Enclosure rating	Standard version: IP 54 With cooling device: IP 34

Order information

Our regional sales organization will be glad to advise you on which device configuration is best for you.

Dimensional drawings

MKAS analyzer cabinet



www.addresses.endress.com

Eco-friendly produced and printed on paper
from sustainable forestry.

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