



ARIS

Advanced Residual Gas Inspection System

The D.I.S Gas Analyzer ARIS is an easy-to-use device designed **for fast process and residual gas analysis**. It operates within a pressure range from 1×10^{-4} mbar down to 1×10^{-10} mbar and yields the mass spectrum of the constituents as well as a precise total pressure. The device is based on the **time-of-flight** (ToF) principle, which ensures fast, accurate, and stable measurements, providing reliable results in a short amount of time.



EASY TO USE
CONTROL SOFTWARE



COMPACT DESIGN



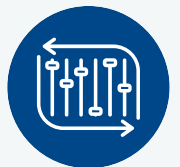
UNIVERSAL
GAS ANALYZER



FAST MEASUREMENT



PRECISE CONTROL



CUSTOMIZABLE

Reach out to us!

01. Don't hesitate to contact us with your request.
02. We are committed to finding the ideal solution tailored to your unique application needs.
03. Our team is ready to provide advice on your ideas and collaborate with you to bring your concepts to life.



ARIS KIT 1

ARIS Kit 1 includes as the standard version the ARIS Gas Analyzer, user manual, power supply, network cable, USB stick with software and a digital version of the user manual.



ARIS KIT 2

The extended version ARIS Kit 2 includes all components of the standard version, complemented by a small vacuum chamber, vacuum pump station and as well as a valve and a pressure sensor on request.

TECHNICAL DATA

Supply voltage	110/230 VAC for included power adapter
Power consumption	Up to 25 W
Total pressure measurement range	From 1×10^{-4} mbar down to 1×10^{-10} mbar
Mounting flange	DN 40 CF
Connectors	Data connection: ethernet Power connection: coaxial power connector (Ø 5.5 mm / 2.1 mm)
Mass resolution	$\Delta m = 1$ for $m \leq 50$ amu $\Delta m = 2$ for $m \leq 100$ amu $\Delta m = 4$ for $m \leq 200$ amu
Maximum detectable mass	200 amu
Maximum bakeout temperature	120°C
Approx. box size	Vacuum side: 230 mm (length) x 110 mm (width) x 110 mm (height) Total: 470 mm (length) x 110 mm (width) x 110 mm (height) Weight: ca. 3,500 g