

MICRO ANALYSER

ALY101-05-S

WHY CHOOSE MICRO ANALYSER?

GROUNDBREAKING POTENTIAL



- **ZERO MAINTENANCE:** PLUG-AND-PLAY SENSORS THAT CAN BE REPLACED DIRECTLY IN THE FIELD IN JUST A FEW MINUTES. NO RETURN TO THE MANUFACTURER, NO DOWNTIME, AND THE INSTRUMENT IS ALWAYS READY FOR USE
- **PORTABLE:** UP TO 50% LIGHTER AND MORE COMPACT THAN TRADITIONAL ANALYSERS. EASY TO CARRY ANYWHERE, WITH NO BULK, FOR FAST AND IMMEDIATE INTERVENTIONS
- **FLEXIBLE:** POWERED BY STANDARD POWER BANKS, MAKING IT IDEAL FOR AIR TRAVEL AND REMOTE SITES
- **SMART:** REAL-TIME CONTROL AND MONITORING VIA SMARTPHONE OR TABLET, FOR SIMPLE AND HIGHLY EFFICIENT ANALYSIS MANAGEMENT (OPTIONAL)

TECHNICAL SPECIFICATIONS

DIMENSIONS	Length: 366 mm - Width: 464 mm - Height 176 mm
WEIGHT	14 kg
POWER SUPPLY	24 V DC
PRESSURE	MAX OUTLET PRESSURE DURING PUMP-BACK FUNCTION: 10 barA
	MAX INLET PRESSURE: 35 barg
	MIN INLET PRESSURE: 1,2 barA (0,2 barG)
DATA OUTPUT	USB stick
DISPLAY	7" TFT

STANDARD EQUIPMENT

SF6 SENSOR (ULTRASOUND)	Resolution: 0,01 Vol.%
	Accuracy: $\pm 0,5$ Vol.%
DEW-POINT SENSOR	Measuring range: -80°C ... +20°C
	Accuracy: $\pm 2^{\circ}\text{C}$ from +20°C to -40°C and $\pm 3^{\circ}\text{C}$ from -40 to -60° C
SO2 SENSOR (ELECTROCHEMICAL)	Nominal range: 0-100 ppm (available on request: 0-20 ppm, 0-500 ppm, 0-2000 ppm)
	Resolution: <0.1 ppm
	Accuracy: $\pm 2\%$
	Longterm stability: < 2% per month
Storage temperature: -10° ÷ +60°C and operating temperature: -10°C ÷ +50°C	
DN8 quick-connect adapter	
DN20 quick-connect adapter	
6 m chrome-plated brass hose with quick couplings	
USB-C to 5.5 mm jack adapter	

OPTIONAL ACCESSORIES

ALY104-01	Gas recovery bag
ALY103-01	Pressure reducer for gas analysis in cylinders
VAL102-01	DN8 adapter kit
VAL103-01	DN20 adapter kit

CERTIFICATES ISSUED	DOCUMENTS PROVIDED
Helium leak test certificate (UNI EN ISO 9712 - SNT TC1A)	Operating manual
EC declaration of conformity	Datasheet of compatible power banks
Sensor calibration certificate	