

General

Model	VAYU Meter 3.2
Technology	IR-absorption, multi-wavelength, single path
IR- Source	IR QCL
Gases detected	CO ₂
Self Test	Continuous
Calibration	Factory set, no field recalibration
Configurations	A. Using Disposable elemets B. Inline with Stainless steal pipe
Status Indicators	Measure/S.B/Error/Sleep
Display	10.4" touch screen
Operating Period	Up to 30 [days] continuous
Life Time	10 [years]
Warrenty	2 [years]
Standards/ Approvals	IEC/EN 60825-1, EN 60529: 1991 + A1: 2000, ICE 601010-1, ICE 60529: 2001, IPX5

Performance

Accuracy	±1%
Precision	±0.1%
Sampling Rate	1 [sample/min]
Measuring Range	0% to 100%
Zero Drift	0,1

Outputs/Inputs

Analog output	Current source 4 – 20 mA, max. Load Impedance 500 ohm Current sink 4 – 20 mA Current sink 4 – 20 mA
LAN	Via RJ-45, CAT5
USB	USB 2.0 (type A)

The VAYU Sense Solution

Technical Data

Model: VAYU Meter 3.2

Mechanical

Dimensions	Measuring unit 54/33/22 (LxWxH) [cm] Control unit/Screen 22/37/35 (LxWxH) [cm]
Weight	Measuring unit 12 [Kg] Control unit/Screen 6 [Kg]
Pipe entry	Flexible OD-8 [mm]

Electrical

Power supply	24V DC (18-32V DC)
Power consumption	100 [w]
Cable entry	M20 Ex e cable gland

Environmental Conditions

Temperature	Storage -10°C to +70°C Operational 0°C to +35°C
Humidity	0% to 100%
Water ingress resistance	IPX5

Accessories

Power supply	AC/DC converter 110-220/24V
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