



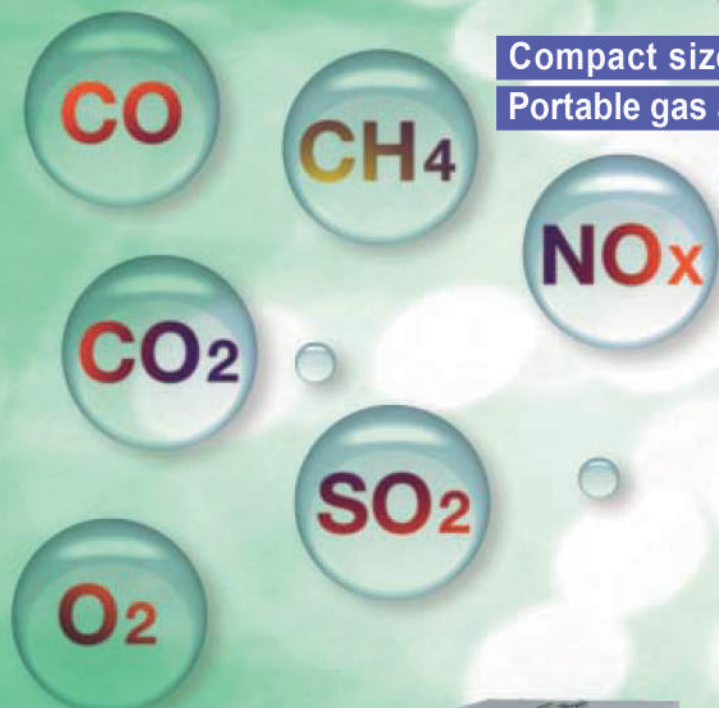
ZSVF Analisador Portátil

Portable Infrared Gas Analyzer

[Type:ZSV]

Continuous **5**-component measurement
with simple operation

Compact size with excellent functionality and operability
Portable gas analyzer with great mobility



Analyzer unit

Pretreatment unit



For exhaust gas measurement and R&D

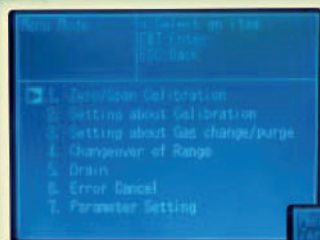
- A maximum 5 components out of NO_x, SO₂, CO, CO₂, CH₄, and O₂ can be measured simultaneously.
- The large LCD screen with clear display assures simple operation.
- Single-beam infrared gas analyzer having excellent stability is adopted.
The O₂ sensor is available in 2 types: Paramagnetic type and Zirconia type.
- The separate structure allows the analyzer unit and the pretreatment unit to be placed separately.
- Measurement can be taken continuously for up to 5 days.

Fuji Electric Systems Co., Ltd.



ECNO:333

Leave the measurement of CO, CO₂, CH₄, NO, SO₂, O₂ to us.



Menu screen

Simple operation assured
by clear display



Zero span screen

Range select screen

Gas extractor (option)



Simple probe

Probe with primary filter

Flow checker (for checking sample gas flow rate)



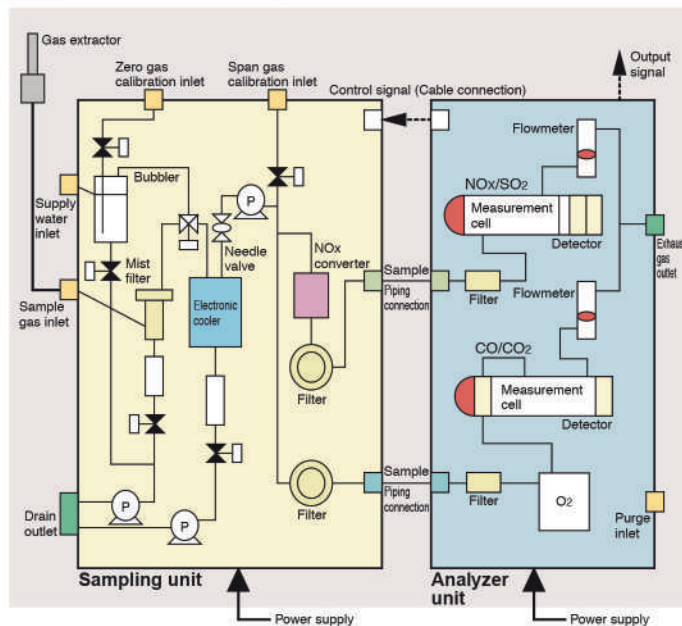
Specifications

Measured component/measurement range	CO ₂ : 0 to 200ppm...100% CO: 0 to 200ppm...100% NO: 0 to 500ppm...5000ppm SO ₂ : 0 to 500ppm...1% CH ₄ : 0 to 2000ppm...100% O ₂ : 0 to 5% 25% Maximum range ratio 1:5 Switching between 3 ranges allowed.
Analog output	4 to 20mA DC or 0 to 1V DC Concentration of each component, Instantaneous value after O ₂ correction One-hour average value after O ₂ correction, Four-hour average value after O ₂ correction
Communication function	RS232C (MODBUS protocol)
Repeatability	±0.5%FS
Power supply voltage	100 to 115V AC or 200 to 240V AC, 50/60Hz
Outside dimensions	Analyzer unit: 204(H)x365(W)x514(D)mm Pretreatment unit: 370(H)x365(W)x514(D)mm
Weight	Analyzer unit: About 12kg, Pretreatment unit: About 18kg
Gas extractor (option)	Simple probe or probe with primary filter

Major applications

- Tests for R&D such as combustion, biogas generation, and plant photosynthesis tests
- Simple measurement for control of exhaust gas from businesses place
- Control and check of CA storage atmosphere
- Combustion exhaust gas measurement control
- Comparison with gas analyzers installed at site and backup

Example configuration



Associated equipment

Paperless recorder for storage of measurement data and analysis



Type	PHR
Number of recording points	9 or 18
Input signal	4 to 20mA DC, 1 to 5V DC, thermocouple, resistance bulb
Storage medium	Compact flash (512MB max.)

**Caso queira adaptar este produto a suas necessidades
usando um sistema de condicionamento, uma
automação ou formando um produto, contate:**

COMERCIAL@ENGEZER.COM.BR

**para mais informações ou preços*



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