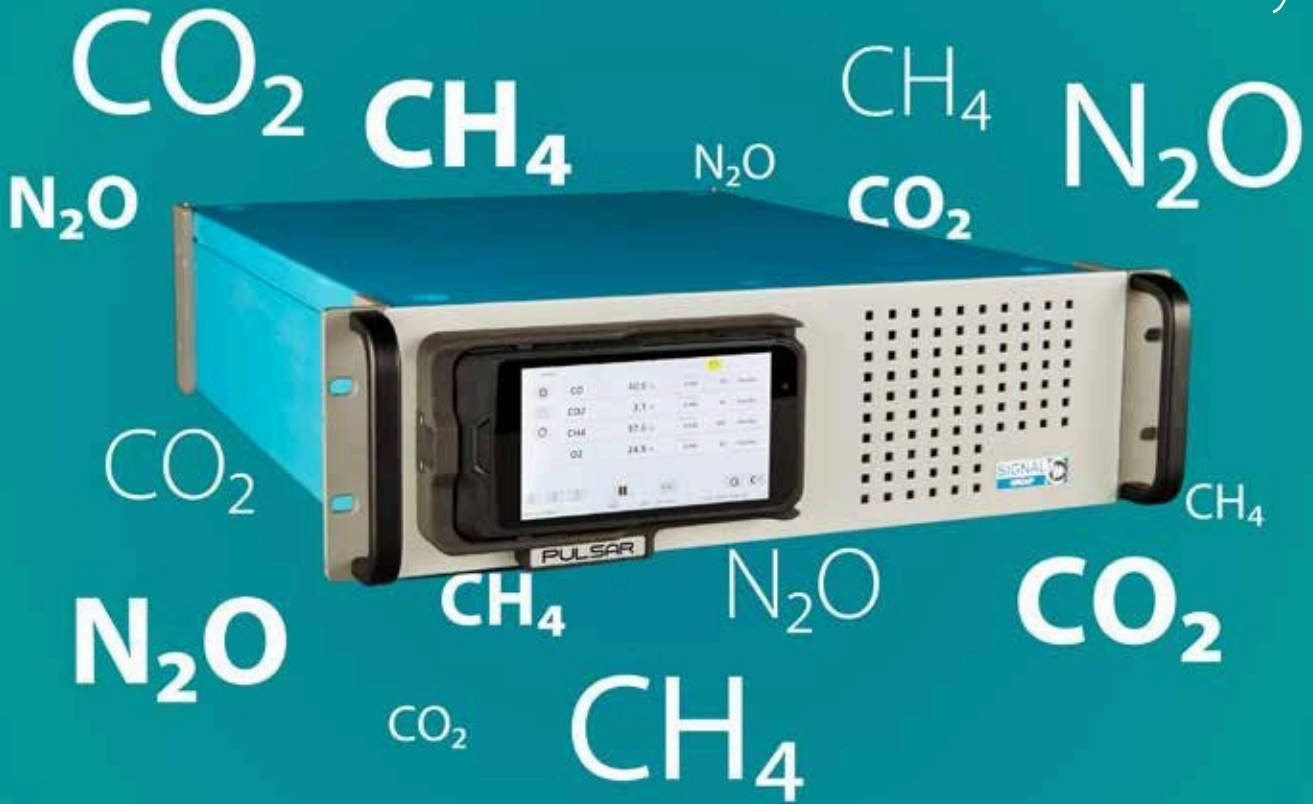


NEW

# S4 PULSAR Greenhouse Gas Analyser



Signal's S4 GHG PULSAR analyser employs NDIR technology to measure a range of critically important gases including GHGs such as carbon dioxide, nitrous oxide and methane.

## Reliable

- 3 Gases measured  
CO<sub>2</sub> N<sub>2</sub>O CH<sub>4</sub>
- Durable and Reliable  
Construction

## Easy to Use

- Software suite for use over  
ethernet or RS232
- Wireless tablet

## Accurate

- Rotating gas filter design for  
minimal cross sensitivity
- Suitable for ultra-low  
measurement applications



**Non-tablet Version**  
available for system  
integrators

**SIGNAL**  
**GROUP** 

# S4 GHG PULSAR

Signal's S4 GHG PULSAR analyser employs NDIR technology to measure a range of critically important gases including GHGs such as carbon dioxide, nitrous oxide and methane. The S4 GHG PULSAR is an extractive gas analyser, capable of drawing samples from both before and after carbon capture, so that effective Greenhouse Gas emissions reduction can be demonstrated.

## SPECIFICATIONS

### RANGE:

N<sub>2</sub>O: 0-10ppm to 0-100%  
CO<sub>2</sub>: 0-100ppm to 0-100%  
CH<sub>4</sub>: 0-1000ppm to 0-100%

### RESOLUTION:

1000:1

### LINEARITY:

0.5% of range or 1% of reading

### REPEATABILITY

1% of reading

### ZERO DRIFT:

1 % FS per week

### SPAN DRIFT:

1 % FS per 24 hrs

### WARM UP TIME:

Usable in 15 minutes, 1 hour to obtain specifications

### FLOW SENSITIVITY:

1 % of range per l/min

### SAMPLE FILTER:

10 microns

### OUTPUT SIGNAL:

TCP/IP  
RS232/AK protocol  
0-10 Vdc  
Isolated 4-20mA (optional)

### WATER (H<sub>2</sub>O) INTERFERENCE:

<1ppm H<sub>2</sub>O typical

### REMOTE OPERATION:

Full remote software suite for operation and diagnostics

### SAMPLE TEMPERATURE:

5°C - 40°C Non-Condensing

### POWER REQUIREMENTS:

110/220V 50/60 Hz  
24VDC  
70-350 Watts depending on number of channels

### SAMPLE-WETTED MATERIALS:

316 Stainless steel  
PTFE  
Calcium Fluoride

### SIZE:

19" x 133.5mm x 530 mm

### WEIGHT:

Max 23 Kg

### OPTIONS:

- Wireless Tablet
- USB socket, SD card
- 4-20mA output
- Canbus
- 35 programmable contact closures (can be configured to select cal gas per channel and per range with cal gas value set in instrument memory)

Authorised Representative:



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