

NEW



PSS - Portable Sample System

To pre-condition pressurised gas samples for portable dewpoint hygrometers

The PSS Portable Sample System has been specifically designed to condition pressurised gas samples (2900 psi max. See specifications for details) for use with SADPmini2, SADPmini2-Ex, SADPmini and SADPmini-Ex.

The user, simply, connects the pressurised sample through the quick-connect inlet coupling and regulates the pressure and flow through the instrument for rapid dewpoint measurements.

The portable sample system has no stored energy components or any possible source of ignition therefore can safely be used, with SADPmini2-Ex or SADPmini-Ex in hazardous environments.



Compact - Portable - Light Weight

Rugged - Very Easy to Use

Features

- Rugged 304 stainless steel chassis and all wetted parts in 316 stainless steel
- Simple instrument docking arrangement
- Swagelok® quick connect option
- Integrated sample flow indicator
- Optional particle filter with easy access for cartridge replacement
- Light weight for easy transportation
- Optional 2m stainless steel braided sample hose

Applications

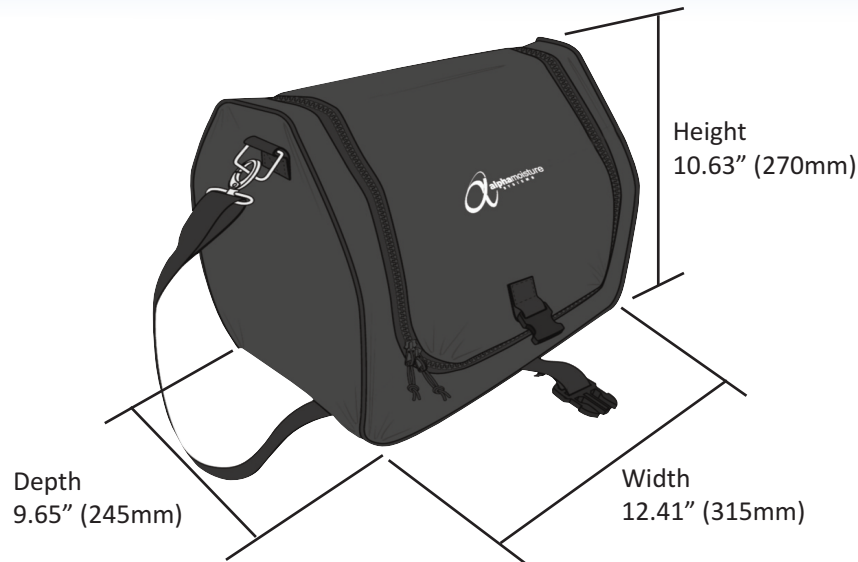
- Natural gas production and distribution
- Petrochemical production
- Power generation and distribution
- Industrial process gases
- Laboratory and research

For more information visit www.amsystems.co.uk and www.dew-point.com

The PSS Portable Sample System in more detail



Dimensions



Specifications

SAMPLE SYSTEM:

MATERIAL: Wetted parts 316 stainless steel, chassis 304 stainless steel.
CONNECTIONS: Gas inlet: One quick connect Swagelok® fitting.

Fittings: For SADPmini2 and SADPmini2-Ex, SADPmini and SADPmini-Ex connection to sample system - 1/4" compression fitting.

INTEGRATED FLOW INDICATOR: 0-20Litres/min

SAMPLE HOSE (Optional): 2 meters, high grade braided stainless steel PTFE tubing.

PRESSURE LIMITS:

REGULATOR: 2900.75psi (200barg) maximum

NEEDLE VALVE: 145.038psi (10barg) maximum

CARRY BAG:

MATERIAL: High quality anti-static padded vinyl

HAND/SHOULDER STRAP: Braided cotton

METAL BUCKLES: Nickel Plated

OTHER INFORMATION:

WARRANTY: 2 years for faulty workmanship and defective parts.

WEIGHT: Based on all options and SADPmini2 fitted) 11.5 lb (5.2 kg)

WEIGHT without SADPmini2 fitted: (Based on all options fitted) 8.3 lb (3.75kg)

DIMENSIONS: H-10.63 x W-12.41 x D-9.65 inches
 (H-270 x W-315 x D-245mm).

How to Order

PSS - [X] - [X] - [X] - [X]

- | | |
|----------------------------------|---|
| PRESSURE REGULATOR (2900psi max) | R |
| NEEDLE VALVE (145psi max) | V |
- | | |
|-------------|---|
| FILTER UNIT | F |
| NO FILTER | C |
- | | |
|----------------------|---|
| MALE QUICK CONNECTOR | Q |
| TUBE FITTING | T |
- | | |
|---|---|
| 2m BRAIDED HOSE WITH FEMALE QUICK CONNECTOR | H |
| FEMALE QUICK CONNECTOR ONLY | Q |
| NO CONNECTOR | N |

NOTE: PSS comprises the system chassis, two bulkhead connectors and piping for connection to the instrument, flow indicator and connecting piping to the instrument outlet bulkhead. An anti-static carrying case is included.

ORDER EXAMPLE:
 Sample system with Pressure Regulator [R], Filter Unit [F], Quick Connector [Q] and 2m Braided Sample Hose with Female Quick Connector [H].
Order Part Number: PSS - R - F - Q - H

Notes

Authorized Distributor Information

Distributed throughout USA / Canada by:



Delta Instrument[®] LLC

www.deltainstrument.com

Tel: New Jersey 201-768-7200 or 866-628-8457 Toll Free
Fax New Jersey: 201-768-5020

Corporate Office: 148 Veterans Drive, Northvale, NJ 07647

Stoney Creek, Ontario, Canada (Sales Office)
 Telephone: 905-643-3500

Note: The **Model SADPmini/2 range of dewpoint meters** are ideal for most industrial gases, but are not suitable for use in the presence of Ammonia (NH₃), Chlorine (Cl₂), Hydrogen Chloride (HCl), Hydrogen Fluoride (HF), Nitric Oxide (NO₂) and its hydrolysed form, Nitric Acid (HNO₃). Sulphur Dioxide (SO₂) can be monitored if the moisture content is low, less than 100ppm(v).

2524 PSS 201217-Iss1

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Registered in England and Wales No. 3902302
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Product specification may be subject to change.