

## PSS - Portable Sample System

To pre-condition pressurised gas samples for portable dewpoint hygrometers

The portable sample system has been specifically designed to condition pressurised gas samples (200 barg max. See specifications for details) for use with SADPmini2, SADPmini2-Ex, SADPmini, SADPminiEx.

Simply connect the sample and regulate 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 SADPmini-Ex or SADPmini2-Ex, in hazardous environments.



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**Compact - Portable - Light Weight**  
**Rugged - Easy to Use**

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### Features

- Rugged 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

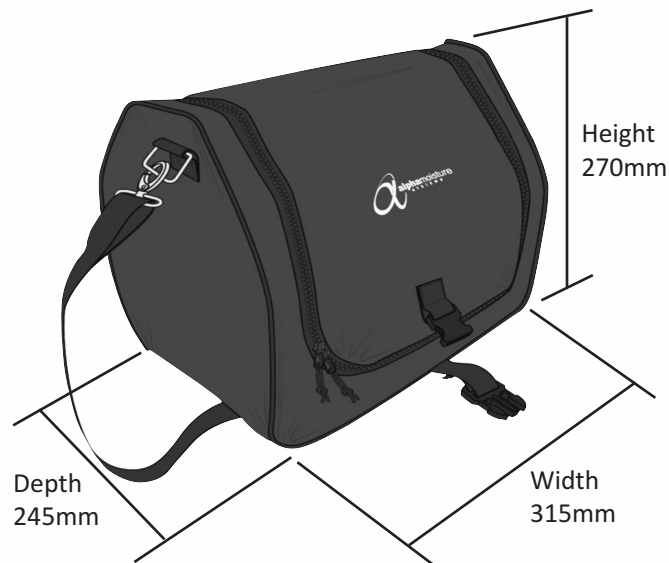
- Natural gas production and distribution
- Petrochemical production
- Power generation and distribution
- Industrial process gases
- Laboratory and research

For more information visit [www.amsystems.co.uk](http://www.amsystems.co.uk) and [www.dew-point.com](http://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.

**INLET CONNECTION:** Choice of quick connect, or compression fitting.

**INTEGRATED FLOW INDICATOR:** 0-20Litres/min

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

#### PRESSURE LIMITS:

**REGULATOR:** 200barg maximum

**NEEDLE VALVE:** 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) 5.2kg. (11.5lbs)

**WEIGHT without SADPmini2 fitted: (Based on all options fitted)** 3.75kg. (8.3lbs)

**DIMENSIONS:** H-270 x W-315 x D-245mm.

### How to Order

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

PRESSURE REGULATOR (200barg max) R  
NEEDLE VALVE (10barg 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

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### Distributor Information

**DASTECS R.L.**

Representantes / Distribuidores Exclusivos

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Product specification may be subject to change.