



SDHmini Portable Sample System

The Shaw Moisture Meters SDHmini Portable Sample System is designed to provide ideal sampling conditions for dewpoint measurement.

Manufactured in the UK by Shaw Moisture Meters, this unit is an effective, self-contained sampling system, which ensures that the sample pressure and flow are suitable for dewpoint measurement.

Simple to setup and install, the SDHmini Portable Sample System is fully configurable with options for a filter and pressure regulator on a chassis made from high quality 304 stainless steel and has been specifically designed to condition pressurized gas samples up-to a maximum of 2,900PSI (200barg) for use with the SDHmini instrument range - standard, logging and intrinsically safe.

The SDHmini Portable Sample System comes complete with flow indicator, inlet and outlet connections, carrying case, and instruction manual.



Features

- Designed for gas or general compressed air sampling
- Instrument docking arrangement
- Reduces inlet pressure from up to 2,900PSI (200barg)
- Adjust sample flow 0 - 20 SCFH (0 - 10 liters) per minute
- Optional particle filter with easy access for cartridge replacement
- Inlet fittings with a choice of quick connect ¼", ⅜" or 6 mm compression fittings
- Various configurations available
- Stainless steel chassis, fittings and pipework
- Overall dimensions including carrying case: 12¾" (w) x 9¾" (d) x 10¾" (h)
- Approximate weight with options added:
 - without instrument - 8.3 lbs (3.75 kg)
 - with instrument - 12 lbs (5.5 kg)
- Optional two metre braided PTFE sample hose available

Shaw Moisture Meters - Sample Systems

Shaw Moisture Meters Sample Systems are engineered solutions for extracting and analyzing a representative sample of the process air or gas, which is then either vented to atmosphere or returned to the process.

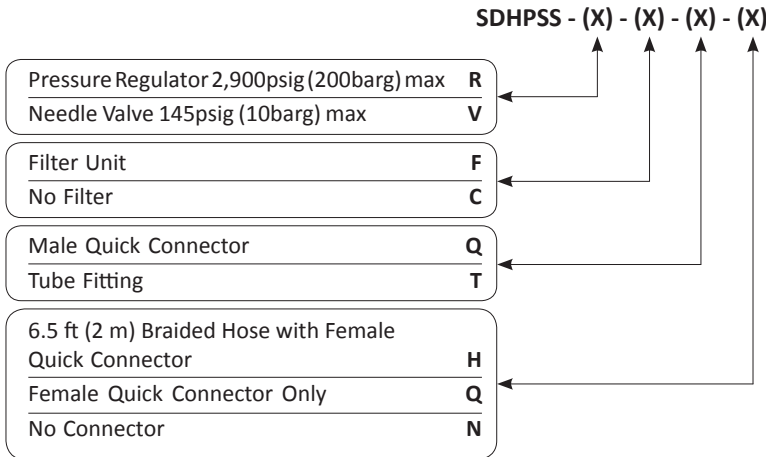
Our sample system designs have been developed through over 60 years of experience in industrial moisture analysis and all systems are built using the highest quality components to ensure long term performance and reliability, in even the toughest applications.

Our standard range of Sampling Systems can be seen at www.shawmeters.com. However, if your particular requirements are not met by any of those shown, please contact us and our engineers will be happy to advise and custom design a system for your specific application.

Dimensions



Ordering Information

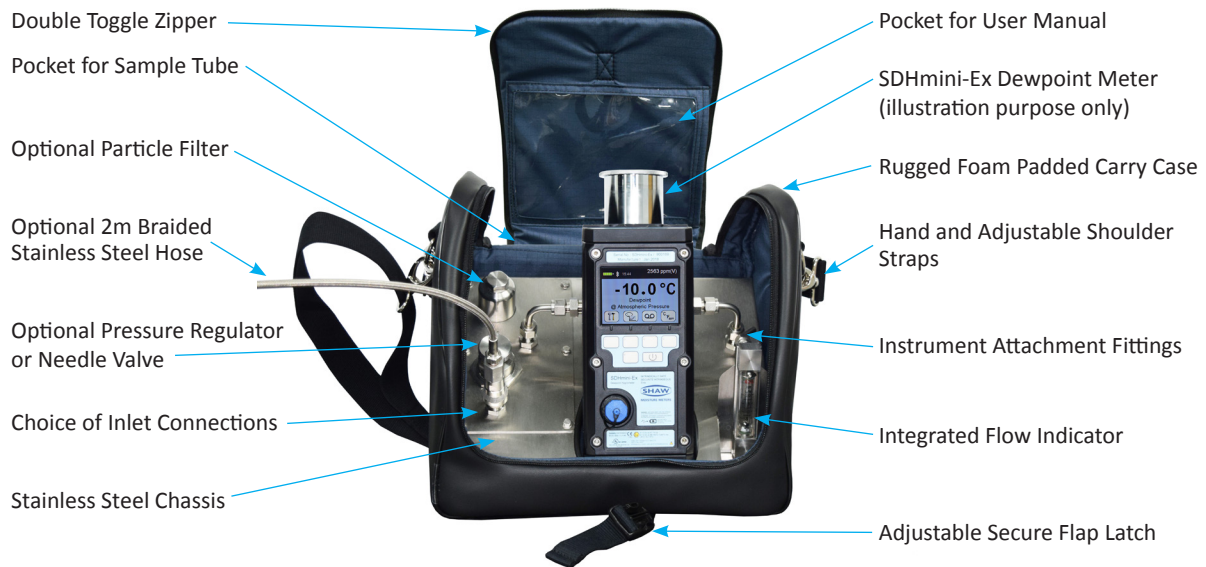


NOTE:

The SDHPSS comes complete with flow indicator, inlet and outlet connections and carrying case as standard.

EXAMPLE:

To order a SDH Portable Sample System with pressure regulator (R), filter unit (F), quick connector (Q) and 2m braided sample hose with female quick connector (H) order as: **SDHPSS - R - F - Q - H**



Specifications

- Chassis**
 304 stainless steel
- Internal Pipework**
 316 stainless steel
- Internal Fittings**
 316 stainless steel
- Inlet Fittings**
 Choice of quick connect 1/4", 1/8" or 6 mm compression fittings
- Flow Indicator**
 Up to 20 SCFH (10 liters) per minute
- Optional Quick Connection (inlet) Swagelok**
 Maximum connected pressure 2,900PSI (200barg)
- Filter Unit (when fitted)**
 High grade stainless steel with removable housing for access to replaceable filter cartridges, 0.1 micron filter cartridge
- Pressure Regulator (where applicable)**
 High grade stainless steel
 Pressure range 0 - 2,900PSI (200barg)
- Needle Valve (where applicable)**
 316 high grade stainless steel
- Overall Dimensions**
 12 3/8" (w) x 9 5/8" (d) x 10 5/8" (h)
- Weight**
 Without instrument - 8.3 lbs (3.75 kg)
 With instrument - 12 lbs (5.5 kg)
- Mechanical Warranty**
 24 months in case of faulty workmanship and defective parts
- Carrying Bag**
 Anti-static PVC foam faux leather with rubber feet