

DAP-SL DIRTY AIR PITOT – SNAP LOCK

GAS VELOCITY MEASUREMENT



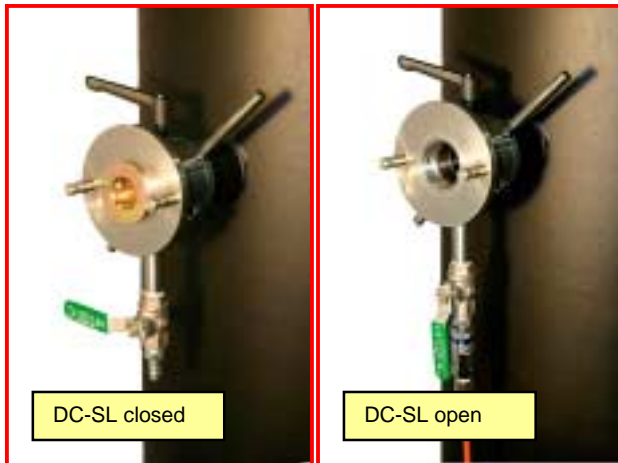
Principle of operation DAP SL

The DAP is designed to measure gas velocity / dynamic pressure in pneumatic transport pipes of pulverized fuel, or other dry biphasic powder transportations

- The DAP is swiftly inserted into a Dustless Connection with a Snap-Lock coupling (DC-SL).
- In position on the pulverized fuel pipe, the gas velocity / differential pressure is measured as the difference between the total pressure minus the static pressure in the fuel pipe.
- Temperature inside the dirty air is also measured.
- These informations may be used as an input for an isokinetic extraction of pulverized fuel.

Technical specifications for DAP - SL

Produced for any fuel pipe Min:	Ø 210mm.(8")
Max:	Ø 1.400mm.(4ft.55")
Media:	Pulverized coal flow or other bi-phase pneumatic transports
Instrumentation:	Manometer & thermometer
Operation temperature:	Max. 100°C (212°F)
Power supply:	9V. Battery
Weight Sampler unit:	1.1 kg. (2.4 lb.)
Overall length:	Min. 750 mm. longer for wide fuel pipes
Compressed air requirements:	Min. 6 bar Clean oil-free air

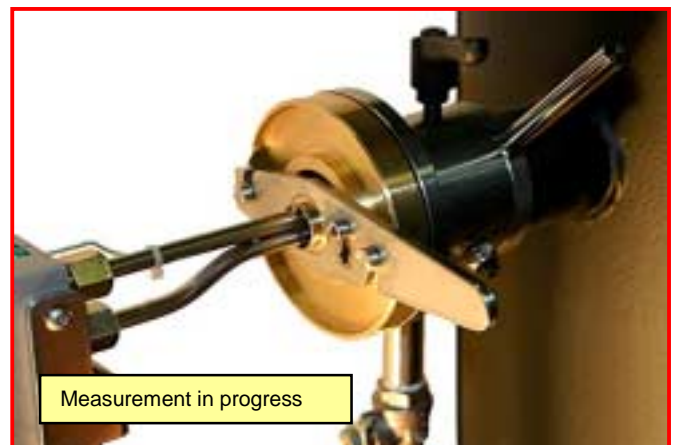
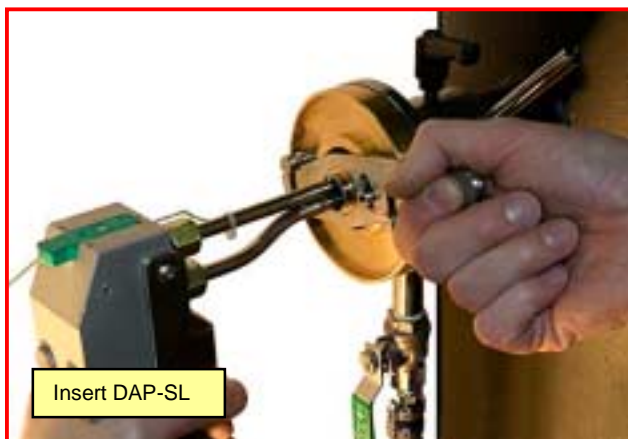


The Company and its product line

M&W is an internationally working engineering company specialized in the design, manufacturing and supply of analysing and sampling systems for optimising processes and controlling by-products in coal-fired power plants and other utility boilers world-wide.

M&W 's product line

- Pulverized Fuel Sampler (PFS) +(PFS-A)+(PFS-A-SL)
- Dirty Air Pitot (DAP)+(DAP-SL)
- Dustless Connection (DC)+DC-SL)
- Automatic Coal Flow Monitor (ACFM)
- Automatic Trimming Damper (ATD)
- Automatic Dust Sampler (ADS)
- Residual Carbon Analyser (RCA)
- Fly-Ash Sampler (FAS)
- Raw Coal Sampling Systems (RCS)



M&W ASKETEKNIK APS



ENGINEERING AND PRODUCTION
 Member of the Mark & Wedell Group
 Oldenvej 5, DK-3490 Kvistgaard, Denmark
 Tel.: +45 49 13 98 22 Fax: +45 49 13 91 62
 Internet: www.m-w.dk E-mail: m-w@m-w.dk