

Vessel liquid sampler c/w dip pipe with submerged pump

This DPM sampler in system purge configuration ensures the retrieval of a representative and contamination free sample. The use of a dip pipe with flexible dip tube and submerged pump allows for sampling of liquids from large vessels (with or without agitator). Ideal for applications where insufficient under pressure can be created to lift the liquid from the vessel / tank.

BASIC SPECIFICATIONS

Material	SS316(L).
Sleeve Type	60cc sleeve with bottle retaining clip. Larger/smaller sample size available.
Needle Assembly	Single piece VTO needle assembly with vent to outlet connection 1/4" F-NPT. Process/Vent needle ID: 1.35 mm.
Valve	Three-way ball valve type W83. PTFE seats, Viton A o-rings. Pressure range 103 bar @ 20°C (-20/+450°F).
Dip pipe	4"-150Lbs Flange. 3" SCH. 10 Pipe, length: 4m.
Pump	Pneumatic diaphragm pump type AD-6 (submersible). PTFE body, max. operating temperature 100°C. Max. N2 pressure 7 bar, max. particle size of solids: 1 mm. Suction lift: 3mWC (dry), 9mWC (wet). ATEX compliance.
Operation	Manual.
Connections	1/4" F-NPT, regulator, gauge and check valve included.

