

Calibration bench

OmniFlow Bench

OmniFlow Bench allows CIP10 and sample pumps such as Asbesto pumps used with CATHIA heads, or individual sample pumps to be calibrated without the pressure drop inherent in a conventional flowmeter. The use of compressed air coupled with its integrated mass flowmeter allows to achieve unmatched accuracy and stability of air flow, as well as greatly improved ease of adjustment and comfort of use. Its large touch screen interface allows direct selection of the type of head to be calibrated or the flow rate of the pump to be tested. The PLC included in the instrument allows to store and generate calibration reports and to trace the entire metrology of the instrument.



Technical characteristics

- Easy flow calibration for all CIP10 sampling heads.
- High flow measurement accuracy (<1% error).
- Differential pressure and temperature measurement.
- Creation of downloadable calibration reports in .csv format via USB key.
- Built-in sensor metrology monitoring for ease of accreditation.
- 5" touchscreen offering an intuitive and easy to use interface.
- Lightweight and easy to carry and handle.
- Silenced.

Main characteristics

Characteristic	Description
Dimensions	345x270x200
Weight	5kg
Power source	230V
Compressed air requirement	2 bar abs.
Flow	0 à 15L/min
Flow accuracy	< 1%
Screen	Tactile 5''
USB port	1.0;1.1 et 2.0
Working temperature	-20 + 40 °C; 95% HR
Differential pressure accuracy	± 2Pa