

Model V880 hand-held pressure pumps



Description:

BCM V880 pump is a high speed hand-operating vacuum unit that is specially designed to calibrate various negative pressure instruments in a range of -880~0 mbar, such as differential pressure transducers, differential pressure gages, and vacuum instruments in the field. Instrument manufacturers can also use V880 pump as a negative pressure source for calibration of vacuum instruments. Moreover, V880 can be applied to drain and exhaust air or liquids from pipe-lilnes in the fields as well.

Thanks to its rugged construction, BCM V880 is portable, handy and easy for operation in the field. It can be integrated into a complete vacuum set when accompanied with a precise vacuum gage made by BCM or with other equivalent vacuum gages.



Construction and Working Principle:

BCM V880 pump consists of a buffer-valve, a vent, a cylinder, piston stem, and two hand-grips. With a 1/4 NPT female thread, the pump can be connected to a precision mater vacuum gage (master vacuum gage). The negative pressure instrument can be connected with a flexible hose for calibration. The hand-grips can be pressed and released repeatedly with one hand to develop a negative pressure in a range of -880~0 mbar. To release the vacuum, twist off gradually the vent valve.

Specifications:

output pressure:	-880 ~ 0 mbar
operating temperature:	0 ~ 40 °C
operating relative humidity:	5 ~ 95%
flexible hose connector:	free end
master gauge connector:	1/4 NPT, female
dimensions:	230 x 110 x 60 mm
weight:	0.5 kg
accessories:	plastic hose of 500 mm long and a leatherette packing bag

Warranty:

All BCM instruments are made to the high quality standard according to ISO 9001 regulations, and all the BCM products carry one year warranty against manufacturing defects. In line with the policy of continuous development of technology, BCM reserve the right to alter the specifications of the instruments manufactured without prior notice.

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