

PROZA ELECTRONIC TECHNOLOGIES

- OEM pressure sensor, pressure transmitters, melt pressure transmitters
- Intelligent pressure transmitters, differential pressure transmitters
- Hydraulic level transmitters
- Temperature sensors
- Load cells, load pins, force transducers
- Metal foil strain gauges, semiconductor strain gauges



PROZA Hand-Held Pumps

PROZA hand-held pressure pumps are designed and manufactured to high quality standard and have established their reputation in the market with the following features:

- low cost
- light in weight
- portable
- rugged construction

Thanks to its rugged construction, all PROZA hand pumps are portable, handy and easy for operation. They offer a quick, efficient and economic way to test/calibrate pressure instruments in the field or workshop. The pumps have been proved to be an ideal unit for pressure test in automobile garages, ventilation, air-conditioning, petrochemical and food industries.

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

V016 PRESSURE and VACUUM PUMPS

PROZA V016 pumps are high speed hand-operating vacuum and pressure unit which can generate vacuum and gas pressure within a pressure range of -880 mbar to 16 bar. Those pumps are ideal solutions for applying testing pressures to pressure device, so as to calibrate the vacuum and pressure instruments.

There is a vacuum/pressure switch on the pump, which is the key for switch between the vacuum and pressure output. With this switch the pump can be used as a negative pressure source or positive pressure source for calibration. The desired pressure can be easily tuned by using the vernier control.

V016 pumps are low profile light weight device, which is very easy to operate. When accompanied with a precision vacuum/pressure indicator the pump can be integrated into a complete vacuum or pressure set.



Specifications

pressure media: air

operating pressure range: -880 mbar ~ 16 bar

V-P switch: position switch for vacuum or pressure output

finer-adjuster: micro-adjustable, volume controlled

operating temperature: -20 ~ 50 °C

operating humidity: ~ 100% RH

flexible hose connector: G 1/4", female

master gage connector: 1/4 NPT, female

dimensions: 230×110×60 mm³

weight: 0.6 kg

accessoires: 1/4 NPT (male) thread adaptor or to customs request

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P016/020 PNEUMATIC PRESSURE PUMPS

PROZA P016 and P020 hand-held pumps are pneumatic pressure generating units especially designed for field applications. Equipped with a volume-controlled finer-adjuster, the pressure generated with these products can be adjusted to a precise pressure. P016 and P020 are ideal equipments for test and calibration of various pressure instruments.

Specifications

pressure media: air
operating pressure range: 0~16 bar (P016), 0~20 bar (P020)
finer-adjuster: micro-adjustable, volume controlled
operating temperature: -20 ~ 50 °C
operating humidity: <100% RH
master gage connector: 1/4 NPT, female
dimensions: 230x110x60 mm³
weight: 0.5 kg
accessoires: 500mm long plastic hose

P250 HYDRAULIC PRESSURE PUMPS

PROZA P250 hand-held pressure pump takes use of hydraulic fluids (such as transformer oil) as the pressure media. Within 0 ~ 250 bar pressure range, the pump can be used to calibrate a variety of pressure instruments, such as pressure transmitters, pressure sensors and pressure gages. The pump can also be used as a standard pressure source for manufacturers to test pressure instruments. The pump is portable and easy to use. There is a finer-adjuster on the pump for a fine adjustment of the generated pressure. The pump can be connected to a master pressure gage and the instrument to be calibrated with the supplied connectors and high pressure hose. With these accessories, a fast and easy calibration of the pressure instrument can be performed in the industrial field or in a workshop.

Specifications:

pressure medium: liquid
operating pressure range: 0 ~ 250 bar
finer-adjuster: micro-adjustable, volume controlled
operating temperature: 0 ~ 50 °C
operating humidity: < 100%RH
high pressure hose connector: M20 x 1.5 or 1/2 NPT, male
master gauge connector: M14 x 1.5 or 1/4 NPT, female
dimensions: 280x160x150 mm³
weight: 0.8 kg
accessoires: 500mm long plastic hose



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V880 VACUUM PUMPS

PROZA 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, model V880 is portable, handy and easy to use. Feature rugged construction, these pumps can be applied to drain and exhaust air or liquids from pipe-lines in the fields as well. It can be integrated into a complete vacuum set when accompanied with a precise vacuum gage made by PROZA or with other equivalent vacuum gages.

Specifications:

pressure medium: air or liquid
operating pressure: -880 ~ 0 mbar
operating temperature: 0 ~ 40 °C
operating humidity: 5 ~ 95%RH
flexible hose connector: free end
master gauge connector: 1/4 NPT, female
dimensions: 230×110×60 mm³
weight: 0.5 kg
accessories: 500mm long plastic hose

ORDERING GUIDE When place an order, specify the following necessary information:

Model - Pressure Range - Thread of Master Gage Port - Thread of Instrument Port

Example : V016 -(-880)mbar/16 bar - 1/4 NPT female - M10 x 1.5 female

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