

## Membrane pump

Code PXB001

Membrane pumps are used in a wide range of laboratory applications, such as filtration, liquid extraction, gas removal in physics or chemistry laboratories and any application that requires a vacuum to be generated. Nahita diaphragm pumps are completely oil-free, do

not require water and therefore do not produce any waste water. They are easy to use and maintenance-free. They have an analogue metal pressure gauge with scale in Bars, kilo Pascals and mm of mercury (mm Hg).

### POWER

Provides sufficient power and reduces heating of the motor.

### EFFICIENCY

The pump is efficient and quiet. Vent valve and mixing pressure can be provided if required.



### RESISTANCE

The diaphragm is oil-resistant and durable, the chassis is firm and can withstand the percussion forc.

## Technical specifications

Code	PXB001
Vacuum Pressure	638 mm Hg 0.08 MP 800 mbar
Flow	10 L/min 0.6 m <sup>3</sup> /h
Power consumption	20 W
Power supply	220-240V; 50 Hz
Dimensions	226x102x220 mm
Weight	2.5 Kg

## Vacuum membrane pumps

### Code PXB010 - PXB011

This series of Nahita membrane vacuum pumps is characterised by continuous oil-free pumping, low noise level, no vibration, higher efficiency and long service life. It has an integrated self-cooling system allowing the pump to maintain continuous operation for up to 24 hours. It is mainly used in the analysis of medicinal products, chemical engineering, biochemical pharmacy, food testing, research,

etc. This range of Nahita vacuum pumps has been specially developed for laboratory operations. It meets the highest expectations in terms of precision, reliability and ease of use. Including pressure gauge and tubing (tubing approx. length 800 mm, outer  $\varnothing$  12mm and inner  $\varnothing$  7mm)



PXB010

PXB011

## Technical characteristics

Code	PXB010	PXB011
Pumping speed (L/min)	20	30
Ultimate Pressure Vacuum	$\geq 0.08$ Mpa (200 mbar)	$\geq 0.095$ Mpa (50 mbar)
Dimensions (LxBxH) mm	215x120x235	300x120x235
Motor power (W)	160	160
Inlet (mm)	$\phi 6$	$\phi 6$
Outlet (mm)	Silencer	Silencer
Working temperature ( $^{\circ}$ C)	7-40	7-40
Function	Vacuum	Vacuum
Head	1	2
Voltage rating	230Vac,50Hz	230Vac,50Hz
Weight (Kg)	7,5	9
Membrane valves	NBR*	NBR
Noise level (dB)	<50	<50
*Nitrile rubber		

## Vacuum pump B-10

Code PXB017

- Compact design with metal housing
- Diaphragm pump with overtemperature or overload protection sensors
- Suction cups on the base of the unit and carrying handle
- 8 mm diameter hose connector (olive)
- Includes 2 rubber tubes (ID 6 mm; OD 12 mm) and 2 microfilters



## Technical specifications

Reference	PXB017
Model	B-10
Type	Negative pressure
Adjustable pumping speed	NO
Pumping speed	10 l/min
Ultimate vacuum/negative pressure	0.075 Mpa
Noise	≤40 db
Power	20 W
Diaphragm	Rubber
Overload protection	YES
Overtemperature protection	YES
Short circuit protection	YES
Voltage	100-240V 50/60 Hz
Dimensions	192x100x135 mm
Weight	1.58 kg

## Rotary vane vacuum pump

### Code PXB012

- The NAHITA PXB012 vane vacuum pump is a robust, solid pump. Made of metal with rubber feet and base to avoid slipping due to vibrations. It includes a handle for easy carrying. With general ON/OFF button.
- Oil tank capacity: 330 mL
- Uses vacuum pump oil type HFV-32.



#### INCLUDES

- Filter for air outlet
- Vacuum pump oil
- Power cable

## Technical specifications

Code	PXB012
Voltage	220V / 50 Hz
Free air displacement	4,5 CFM
Full vacuum	3x10 <sup>-1</sup> Pa
	0,05 Mbar
Rotation speed	2800
Power	1/2HP
Oil capacity	330 mL
Dimensions	290x115x220 mm
Weight	9 Kg