



Email : sales@laboratoryinstrumentindia.com

**Product Name :**  
Stepper Motor 50/60 HZ

**Product Code :**  
LBNY-0005-121000182



[www.laboratoryinstrumentindia.com](http://www.laboratoryinstrumentindia.com)

#### **Description :**

The Stepper Motor front panel includes all the controls for the following operating modes: Speed analog input control; tracking encoder clock input control; CW & CCW input control; Step & direction input control. The trainer can be manually controlled through the front panel or configured with a software when connected to a Windows computer with a USB cable. Many parameters and control modes are available remotely. The Stepper Motor 50/60 HZ trainer is a bipolar two-pole stepper motor of hybrid technology that is equipped with a 200-teeth rotor with step angle of 1.8 degrees. Microsteps can be generated using new technology modulating current control. Requires a 120V 60Hz or 220V 50Hz circuit.

#### **Educational Advantages:**

Compatible with all motors

Modern stepper motor of hybrid design, having both permanent magnets and soft iron cores.

#### **Technical Specification :**

Auto setup

Self-test

Current control: 16 kHz (4 steps of PWM)

Microstep resolution: 200-51200 steps

Power: 220/120 VAC, 50/60 Hz / 24 VDC, 5A

Max. torque: 1/2 N.m - 1/3 Lb.ft.



**Laboratory Instrument India**