

STEPPER MOTOR TRAINING SET (FS-SBM)



The set consists of a stepper motor and driver is designed to manipulate the speed and position controls.

Frequency generator which generates the pulse to run the motor and right/left direction switch are on the control panel.

The right and left limits of the transport system (belt drive and railed car) are sensed by inductive sensors.

"T" slotted anodised aluminium panel channels are suitable for M8 standart nut and does not need any special nut.

Dimensions of the working platform: 500mm x 1.000mm x 750mm dir.

Control panel

- Frequency generator (square wave)
- Direction switch

Step motor driver

- 1/256 micro step
- 0-50 VDC supply
- 4 amper
- (can be set between 200- 50.000 steps)

Stepmotor

- 2 phase
- Step angle: $1.8^\circ \pm 5\%$ / STEP
- Inertia: 480 gcm^2
- Current: 3A / faz
- Holding torque: 2Nm
- Detent torque: 0.68Ncm

Accessories supplied with set

- IEC power cable
- User's guide