Motor Drive module MC05 is an extension module for Nvis Microcontroller development Platforms. MC05 has been designed to provide a clear understanding of how motors are interfaced and controlled with Microcontroller. The Motor Drive module is made in such a way that student can understand the detailed concepts of Stepper Motor, DC Motor, and Servo Motor system.

Features

- Steeper Motor interface

- DC Motor interface

- Servo Motor interface

- Expansion connectors for plug in with Microcontroller unit and prototyping area

- Every pin is marked in order to make learning easier

- Input/Output & test points provided on board

Note :
This module is compatible with Scientech 620X Seies and Nvis 5001A/2/3/4A/5 Series Microcontroller development platform.

Scope of Learning

- Study of Steeper Motor interfacing and its Direction and Angle Control

- Study of DC Motor interfacing and its Direction Control

- Study of Servo Motor interfacing and its Angle Control

- Study of PWM concept

Technical Specifications

Stepper Motor	:	+5 V
DC Motor	:	+12 V
Servo Motor	:	+5 V
Interface	:	20 pin FRC cable
Test points	:	13
Power Supply	:	From Scientech 620X Series and Nvis 500X Series Microcontroller development platform
Dimension (mm)	:	W 255 X D 155 X H 80
Weight	:	660 gm approximately

Included Accessories

Patch cord	:	1 no.