| Product name: | Product code: |
| --- | --- |
| Stepper Motor Drive Training System | CMI-NP-1078 |




## Description

A stepper drive trainer with hybrid motor and microstepping driver for studying step angle, torque and open loop positioning.

## Technical specification

| | |
|---|---|
| Load | Disc with scale |
| Supply | 24 to 48 V DC |
| Experiments | Step angle, resonance, torque |
| Power supply | 230 V AC, 50 Hz |

Students vary pulse frequency, resolution and current, and learn about resonance and holding torque.

**Features**

- Hybrid stepper motor
- Microstepping driver
- Pulse generator
- Current setting
- Load disc with scale
- Test points

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**Technical Specifications**

| | |
|---|---|
| Motor | NEMA 23, 1.8 degree |
| Holding torque | 1.2 Nm |
| Driver | Microstep up to 1/32 |
| Current | up to 4 A |
| Pulse generator | Variable 0 to 20 kHz |