



HMI-Based Cord Flexing Test Apparatus

This Cord Flexing Test Apparatus is used to test the mechanical strength and endurance of power cords under repetitive bending motions. The HMI interface allows programmable test parameters like speed, angle, and number of cycles. The setup includes fixtures for 45° and 180° configurations.

Model No. : HAP9



Product Features

- Evaluates durability of cables and strain relief mechanisms
- Programmable test parameters via HMI interface
- Dual-angle support (45° and 180°) for multiple standards
- Accurate, high-cycle testing with real-time cycle count
- Rugged construction suitable for continuous lab operation





Technical Specification

Parameter	Specification
Flexing Angle	45° to 45°, 180° (Selectable)
Speed Control	Variable (via HMI)
Counter	Digital, 0–999999 cycles
Load Provision	With standard cord fixture + weight
Drive Mechanism	Motorised, belt or gear-driven
Display & Control	HMI touchscreen

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