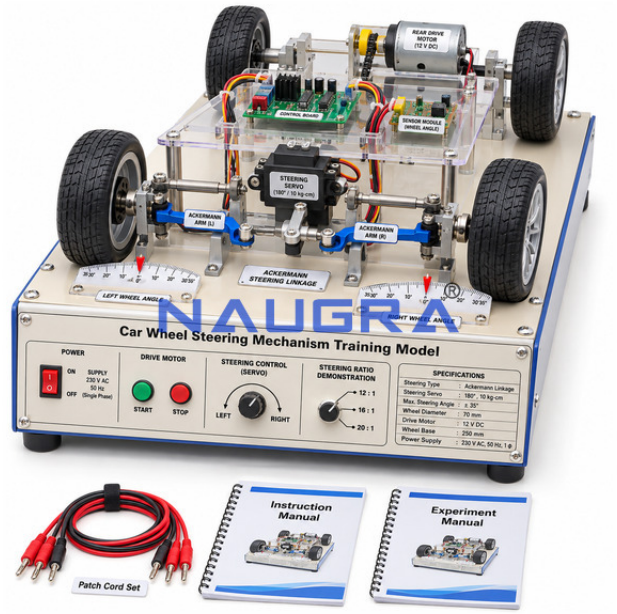
Product name:	Product code:
Car Wheel Steering Mechanism Training Model	CMI-NP-2004



Description

Working model of a small car steering linkage showing Ackermann geometry with servo steering. Used to understand turning angles, toe and steering response in cars.

Technical specification

Wheel Base	250 mm
Power Supply	230 V AC, 50 Hz, single phase
Construction	Powder coated MS frame with laminated work surface and labelled terminals

Standard Accessories

- Patch cord set
- Instruction manual
- Experiment manual

The Car Wheel Steering Mechanism Training Model is designed for ITI, polytechnic and TVET laboratories. Students measure inner and outer wheel angles and see how Ackermann geometry reduces tyre scrub in turns.

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Features

- Front steering linkage with tie rods
- Servo operated steering
- Protractor scale for wheel angles
- Rear wheel drive motor
- Steering ratio demonstration

Technical Specifications

Steering Type	Ackermann linkage
Steering Servo	180 degree, 10 kg-cm
Max Steering Angle	+/- 35 degree
Wheel Diameter	70 mm
Drive Motor	12 V DC