



Description

The Personal Writing & Drawing Robot – DrawBot is a versatile educational robotics kit designed to demonstrate the principles of robotic motion, kinematics, and creative automation. The 4-in-1 modular design allows the kit to be assembled into multiple robot configurations, enabling learners to explore different movement mechanisms and drawing techniques using a single platform.

Key Features

- **4-in-1 Modular Design** supporting four robot configurations:
 - SCARA Drawing Robot
 - Car-type Drawing Robot
 - Spider-type Drawing Robot
 - EggBot (spherical/curved surface drawing robot)
- Designed for **writing, drawing, and pattern generation** applications
- Modular mechanical structure for easy assembly and reconfiguration

Software & Control

- Supplied with **robot programming software**
- Supports graphical and program-based control of drawing paths and motion
- Enables creation, editing, and execution of custom drawing patterns

Educational Applications

- Fundamentals of robotics and motion control
- Understanding different robot mechanisms and kinematic structures
- Creative coding, art-technology integration, and STEAM education
- Hands-on learning in automation and programming concepts

Applications

- Educational laboratories and classrooms
- **STEM / STEAM learning programs**

Note: Specifications are subject to change, Photos shown above are Indicative, Actual Product can Vary.



Export Sales: +91-9829132777
India Sales: +91-9588842361



IT-2013, Ramchandrapura Industrial Area,
Sitapura Extension, Jaipur-302022, India.



info@tesca.in
www.tescaglobal.com

- Demonstrations, workshops, and creative robotics projects



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