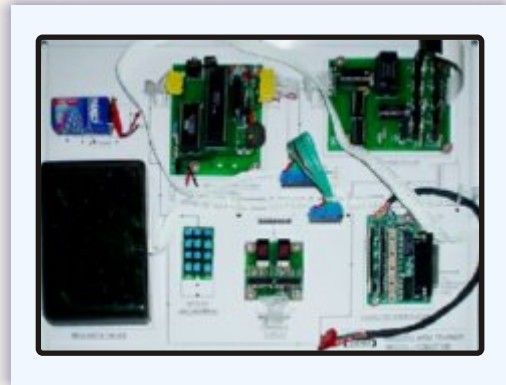




# ROBOTICS ARM TRAINER

MODEL - ROBOT100

This trainer has been designed with a view to provide practical & experimental knowledge of a general circuit of Fiber Optic Voice Transmitter and Receiver a SINGLE P.C.B of size 15"x 12"



## SPECIFICATIONS

The Robotic Arm Trainer teaches the basic robotic sensing and locomotion principles while testing your motor skill as you build and control the arm. You can command this unit with its five switch, wired controller with corresponding LED lights to grab, release, lift, lower, rotate wrist, and pivot sideways 350 degrees. After assembly, observe the dynamics of gear mechanisms through the transparent arm. Five motors and five joints allow for flexibility. Educators will find the robotics technology curriculum and computer interface useful tools. Power Source: 4 "D" batteries. (Not included)

1. PC Interface Unit  
Includes software (two 3.5" diskettes), external interface card, cable and instructions. Enables students, hobbyists and professionals to realistically simulate industrial type applications. Features programming, saving, editing and downloading capabilities utilizing parallel printer port. IBM/PC compatible.
2. Speech Interface Unit  
The speech interface works in conjunction with the speech recognition. Using this interface with the Arm permits experimentation with speech recognition and control technology. Train the speech recognition circuit with words you want to use to control the Robotic Arm.  
While the Speech Recognition can function as a stand-alone unit, if you wish to have speech recognition capabilities with the Robotic Arm, both the speech recognition unit and the speech interface unit are necessary
3. All parts are soldered on single PCB of size 15" x 12" with complete circuit diagram screen printed.

In keeping view of SIGMA policy of continuous development and improvement, the Specifications may be changed without prior notice or obligation.

**Sigma Trainers and Kits**  
E-113, Jai Ambe Nagar,  
Near Udgam School,  
Thaltej,  
**AHMEDABAD - 380054.**  
**INDIA.**

**Phone(O): +91-79-26852427/ 26850829**  
**Phone(F): +91-79-26767512/ 26767648**  
**Fax : +91-79-26840290/ 26840290**  
**Mobile : +91-9824001168**  
**Email : sales@sigmatrainers.com**  
**: sigmatrainers@sify.com**  
**Web : www.sigmatrainers.com**

**Dealer:-**