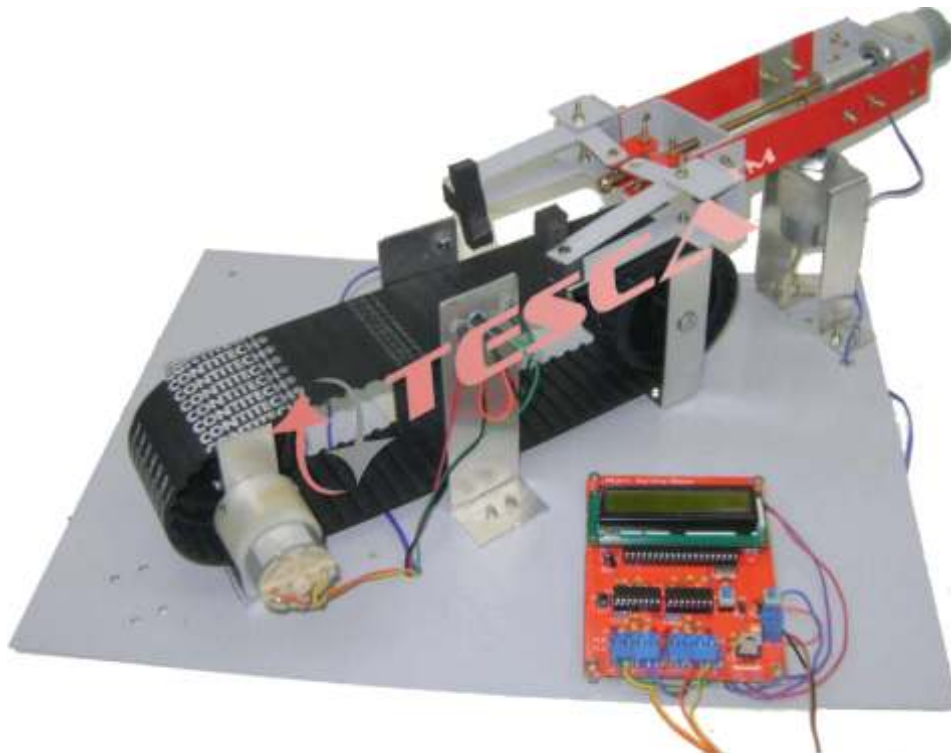In many industries it is required to sort objects from a mixture of materials. This machine is an demonstrator of industrial object sorting robot based on color of object. It is based on 8051 microcontroller equipped with IR Black/White and LDR as object sensors to sense position and color of object. After sensing object and its color robotic arm place them left or right of conveyer belt accordingly.

It comes completely unassembled with instruction manual in CD.

Package Include:

1. Microcontroller NXP 89V51RD2
2. Pack of Necessary IC and Electronics components:1 set
3. Aluminum Parts:1 set
4. Plastic Wheels:3
5. 5 rpm,12VDC,Geared Motor:2
6. 100 rpm,12VDC,Geared Motor:1
7. Robot Controller PCB:1
8. Comparator PCB:1
9. Conveyer Belt:1
10. Pack of Nuts and Bolts:1
11. Instruction Manual in CD:1
12. Power Supply components

Note: Specifications are subject to change.