

**Description:**

Technido’s new 6 axis industrial robotic arm trainer is specially designed for educational institutions and training centers to modernize their labs. This machine closely resembles an industrial robotic arm and its control mechanism. It’s a great learning tool for both electronics and mechanical engineering students as well as industrial trainee engineers. It comes with most advance control equipment governed by 8 bit RISC microcontroller. It can also be interfaced by external microcontroller ranging from 8-bits to 32 bit ARM controller as well as PLC. It also follows users instruction from PC running a very simple to use software through USB port.

**Features:**

- Axis are fitted with DC servo motors, stepper motors and 10 bit optical encoder for higher precision.
- Full machine control by computer software in online mode.
- Easy instruction programming editor for Programmable tasks
- Optional interfacing with PLC.
- User can develop own applications MATLAB, LABVIEW, Flowstone.



Scan to watch video  
<http://tiny.cc/tvgz9y>

Technical Specifications	
No. of Axes	6
Link 1	298 mm
Link 2	385 mm
Vertical Height	548 mm
Joint Actuator	Servo Motors / stepper
Payload	1 Kg
Axis 1 (Waist)	290 Deg
Axis 2 (Shoulder)	40 Deg
Axis 3 ( Elbow)	60 Deg
Axis 4 (Roll)	284 Deg
Axis 5 ( Pitch)	180 Deg
Axis 6 ( Roll)	350 Deg

Technical Specifications	
Controller	Embedded PID Controller
Path Type	Point to Point
Encoder Output	10 Bit incremental
Repeatability	+/- 2mm
Weight (Approx)	35Kgs
Field of Application	
Pick And Place	Yes
Palletizing	Yes
Machine Loading	Yes
Assembly	Yes
Software	
Technido Step Programmer	