The FlexTrainer™ is a small robotic cell ready to be used for robotic training purposes.

Available in three advanced manufacturing applications
- Arc welding
- Material handling
- Vision

Using the FlexTrainer cell for your training needs
There are many common elements to all robotic applications. The FlexTrainer cell provides a solution for teaching these common elements.

Customer benefits using ABB’s pre-engineered solution
- Small cell footprint
- Ability to move the training cell to the location for a class, whether on the plant floor, classroom or hotel
- Dedicated predetermined cells allow the trainer to focus on the training requirements

Basic cell features
- One IRB140 robot equipped with IRC 5 panel mount controller
- Cell base with wheels, can be easily rolled from one location to another
- Transparent guarding for viewing and programming purposes
- Standard operator pushbutton panel
- Small cell footprint with folding wings that provide a large programming space that will fit through a standard doorway
- RobotStudio online included with all cells

FlexTrainer version for specific applications
The FlexTrainer is configured for specific training requirements:
Arc welding version:
- Cell comes complete with a robotic welding torch and welding power supply
Material handling version:
- Cell comes complete with a robotic gripper and teaching blocks.
Vision guidance version:
- Cell comes complete with ABB integrated TrueView system for robotic vision guidance.

ABB’s FlexTrainer cells are available in a virtual computer format as identical replicas of the real cell. With RobotStudio software it can be programmed offline on a personal computer.

Train-the-Trainer
The 3-day FlexTrainer “Train-the-Trainer” class provides your staff with the knowledge to program and operate the cell, as well as providing an understanding of the system’s main components and operation.
Standard specifications
Handling capacity per side (station) 20 kg./ 40 lbs

Complete system documentation and curriculum
Electronic copies of ABB RAPID reference manual, product manual, spare parts list, calibration numbers, serial numbers, prints and supplier references and specifications included.

Training
3 days - FlexTrainer Train-the-Trainer program in Auburn Hills, MI

Cell Layouts