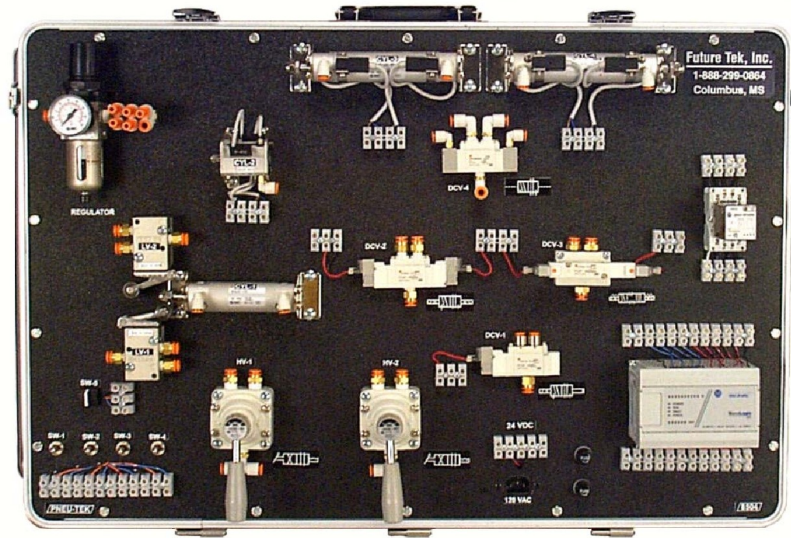


**Model 8500 Series Suitcase Specifications****Model 8500 Series Training Packages include:**

Model 8500 Series Suitcase Pneumatics Trainer (8503, 8504, or 8505)

- Power Cord
- Communications Cable (8505 Only): 1761-CBL-PM02, USB Adapter
- Lab Manuals: Suitcase Pneumatic Instructor's Manual
Suitcase Pneumatic Student's Manual
RSLogix 500 Instructor's Manual (8505 Only)
RSLogix 500 Student's Manual (8505 Only)
- Software: RSLogix 500 Micro Software (8505 Only)
- A CD with Animated PowerPoint Wiring Diagrams for each Lab in the Manual

**Trainer
Dimensions****32" x 22" x 16"****48 lbs****General Description**

Future Tek 8500 Series Suitcase Pneumatic Training Systems include real-world devices with curriculum covering basic to advanced pneumatic devices and their operation. Offered models begin with basic to advanced manual pneumatic controls—Model 8503, for basic to advanced electrical pneumatic controls—Model 8504, for an electrical pneumatic/PLC controlled system—Model 8505. The Model 8505 can teach the student to use Manual Pneumatic Controls, Electrical Pneumatic Controls, and Automation PLC Pneumatic Controls. The curriculum included covers Pneumatic Basics, Control, Pilot Operation, Cylinder Cushion Adjustment, Cylinder Extension/Retraction Velocity, Regeneration, Electrical Control, and PLC Control (8504 provides attachment to an external PLC—Not Included, Model 8505 includes the Allen Bradley Micrologix 1000 PLC). All components are to terminal strips and mounted on non-conductive black textured panel in a heavy duty case.

Each unit is totally self-contained, with an internal air compressor. Only 120V receptacle outlet is required.

FUTURE TEK, INC.**Model 8500 Series Suitcase Specifications****Model 8503 Components List**

Qty	Description
2	4/2 Hand Valves
1	Regulator with Bowl and Drain
2	3/2 Mechanical Limit Switch Valve
1	2-Position, Single DCV 115 VAC
1	2-Position Double (Latching) DCV 115 VAC
1	3-Position Closed Center DCV 115 VAC
1	2-Position Double (Air) Piloted Valve
2	Air Cylinder with 3" Stroke
1	Air Cylinder with 1 1/2" Stroke
1	Compact Air Cylinder with Spring Return
1	Control Relay with 2 NC and 2 NO Contacts 120 VAC
4	On-Off-On Toggle Switches
1	On-Off-On Selector Switch
4	Inline Flow Control Valves
3	Retract Proximity Switches
3	Extend Proximity Switches
1	120 VAC Source Voltage
1	120 VAC Terminal Strip
1	Power Supply 1.5 A Fuse
20'	5/32" Blue Tubing
1	Tubing Cutter
1	Assortment of Fittings

Model 8504 includes the 8503 Components Plus the Capability to Connect with an External PLC

Model 8505 includes the 8503 Components Plus:

Qty	Description
1	Allen Bradley Micrologix 1000 PLC
1	Communications Cable (1761-CBL-PM02)
1	USB Adapter