



INDUSTRIAL TRAINING Workstation

GP Strategies Pneumatics Training Station



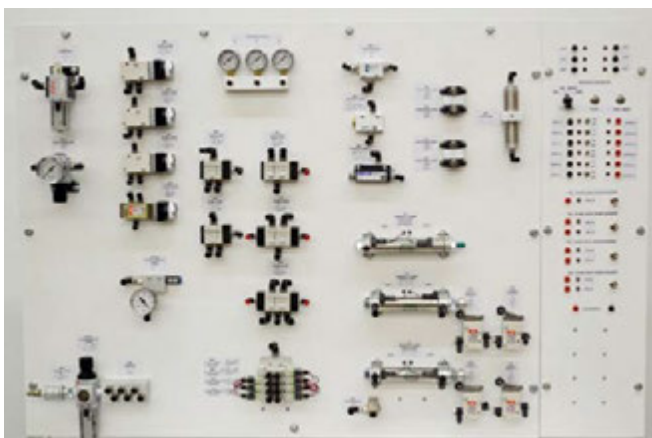
The GP Strategies® Pneumatics Trainer is a portable pneumatics training system. This system allows students to design, build, and troubleshoot basic and advanced pneumatic circuits in a safe environment.

The trainer is composed of various pneumatic components, such as:

- Pneumatic push buttons
- Solenoid-controlled push buttons
- Various regulators
- Cylinders
- Switches
- Gauges

Students are able to design and build pneumatic circuits, which provides hands-on learning in addition to classroom instruction.

Featuring an optional built-in programmable logic controller, the trainer enables students to build, troubleshoot, and maintain pneumatic systems that are monitored by computer systems.



Equipment Included

- Tubing for pneumatic hose connections
- Tubing cutter
- Splitters and reducers
- Plugs

Equipment Requirements

- 110V single phase power

Equipment Not Included

- Air compressor
- Primary air hose between compressor and trainer

Courseware Pairing

The GP Strategies Pneumatics Trainer pairs with the following GP Strategies Craft Skills Maintenance Training courseware:

- MM-125: Hydraulics and Pneumatics Fundamentals
- MM-305: Pneumatics Applications

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DATA SHEET



GP Item Number	Item Description	Unit Quantity
MM-400-201	Regulator	1
MM-400-202	Manifold	1
MM-400-203	Tubing	1
MM-400-204	Flow Control Valve	4
MM-400-205	Pressure Sensing Valve	1
MM-400-206	One-Shot Valve	1
MM-400-207	Vacuum Pump	1
MM-400-208	Lubricator	1
MM-400-209	3/2 Way Valve Push Button	3
MM-400-210	5/2 Way Valve Push Button	1
MM-400-211	Air Pilot Valve	2
MM-400-212	Air Pilot Valve	1
MM-400-213	Air Pilot Valve	2
MM-400-214	Solenoid Valve	2
MM-400-215	5/2 Way Valve Single Solenoid	1
MM-400-216	Quick Exhaust Valve	1
MM-400-217	Mechanical Valve	4
MM-400-218	Shuttle Valve	1
MM-400-219	Filter/Regulator	1
MM-400-220	Air Volume	1
MM-400-221	Single acting cylinder	1
MM-400-222	Double acting cylinder	2
MM-400-223	Pressure gauge	3
MM-400-224	Vacuum gauge	1
MM-400-225	Male Elbows (pkg. 5)	16
MM-400-226	Male Straight Connectors - Hex (pkg. 5)	2
MM-400-227	Male Y Connectors (pkg. 5)	1
MM-400-228	5/32" Union Y Connectors (pkg.5)	2
MM-400-229	1/4" Union Y Connectors (pkg.5)	2
MM-400-230	5/32" Plug (pkg.5)	2
MM-400-231	1/4" Plug (pkg.5)	2
MM-400-232	1/4"-5/32" Union Reducer (pkg.5)	4
MM-400-233	5/32" Male Elbow, 1/8 NPT, 1/2" Hex (pkg.5)	8
MM-400-234	1/4" Male Elbow, 1/8 NPT, 1/2" Hex (pkg.5)	10
MM-400-235	5/32" Male Straight Connector, 1/8 NPT, 7/16" Hex (pkg.5)	2
MM-400-236	1/4" Male Straight Connector, 1/8 NPT, 1/2" Hex (pkg.5)	1

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MM-400-237	1/4" Male Y Connector, 1/8 NPT, 1/2" Hex (pkg.5)	1
MM-400-238	20 Gal Air Compressor	1
MM-400-239	Multipurpose Air Hose, 3/8", 300 psi, 25 ft	1
MM-400-240	3/8"-18 Steel Hydraulic Coupler Body	1
MM-400-241	3/8"-18 Steel Hydraulic Coupler Nipple	1
MM-400-242	3/8" and 1/4" Drive Socket Set with Ratchets (123-Piece)	1
MM-400-243	Tubing Cutter, PVC, Nylon, Polyethylene	1
MM-400-244	Multistacking Banana Plug Patch Cord, 24", Red	10
MM-400-245	Multistacking Banana Plug Patch Cord, 24", Black	10
MM-400-246	Hex Key Set, L Shaped	1
MM-400-247	Pocket Screwdriver Set	1
MM-400-248	Tubing, Nylon, 5/32" OD, 100 Ft, Clear	1
MM-400-249	Tubing, Nylon, 1/4" OD, 100 Ft, Clear	1
MM-400-250	X-Acto knife set	1
MM-400-251	Black Female Banana Plug (10 pack)	2
MM-400-252	Red Female Banana Plug (10 pack)	2
MM-400-253	Red Indicating Light	24
MM-400-254	4 Position Selector Switch	1
MM-400-255	Green Momentary Push Button	1
MM-400-256	Red Momentary Push Button	1
MM-400-257	2 Position Toggle Switch 2A250V/5A125V	6
MM-400-258	3 Position Toggle Switch Spring Return Middle 10A250V/15A/125V	2
MM-400-259	2 Position Toggle Switch 10A250V/15A125V	5
MM-400-260	Cutler B-Line Cutout Box	1
MM-400-261	Siemens 1 Phase Manual Motor Controller Switch	1
MM-400-262	120VAC to 24VDC Power Supply	1
MM-400-263	6 Connection Terminal Board	1
MM-400-264	1/2" Electrical male compression fitting	2
MM-400-265	12 pole terminal barrier	4
MM-400-266	NEMA 110V AC Male Plug	1
MM-400-267	SO3-10AWG Cable PER FOOT	25
MM-400-268	Red wiring 500ft spool	1
MM-400-269	Black wiring 500 ft spool	1
MM-400-270	DIN MOUNT FUSE HOLDER	1
MM-400-271	2 Position Toggle Switch 10A250V/15A125V Momentary	1
MM-400-272	Limit Sensor	6

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