

YL-380E Portable Pneumatic Training Case



(Photo for reference)

Technical parameters:

1. Input power supply: Power supply voltage: three-phase five-wire AC 220V $\pm 5\%$, 50Hz; Control voltage DC24V;
2. Training case: Length \times width \times height = 600mm \times 400mm \times 150mm
component cabinet: Length \times width \times height = 540mm \times 600mm \times 730mm
3. Input power: ≤ 0.1 kVA;
4. Working environment temperature: $-5^{\circ}\text{C} \sim 40^{\circ}\text{C}$;
5. Working humidity: $\leq 90\%$ (40°C);
6. Safety: with leakage protection function, it will automatically disconnect the power supply in case of short circuit caused by wiring error, with the function of protecting equipment.

Training contents:

1. Single- acting cylinder direct control ;
2. Double -acting cylinder speed control;
3. Double-acting cylinder and logic function direct control;
4. Double- acting cylinder or logic function control;
5. Double -acting cylinder and or logic function indirect control;
6. Double- acting cylinder and logic function and delay control;
7. Manual operation (series) loop control;
8. "Remote" operation (parallel) loop control;
9. Interlock "Remote " single operation loop control;
10. Delay single reciprocating loop control;
11. Adopt the continuous reciprocating loop control of double electronic solenoid valve;
12. Multi-cylinder and main control valve are single solenoid valve, the time-delay sequence control of electric-air control circuit;
13. Dual-cylinder multi-reciprocating electric-air joint control loop control;
14. Continuous round trip loop controlled by PLC;
15. PLC controlled single reciprocating loop with delay return.
16. Buffer loop
17. Secondary pressure control circuit
18. High/low voltage conversion circuit
19. Counting loop
20. Delay loop
21. Overload protection loop ;
22. Interlock loop ;
23. Single cylinder single reciprocating control loop ;
24. Single cylinder continuous reciprocating acting loop ;
25. Straight cylinder, rotary cylinder sequence acting loop ;
26. Multi-cylinder sequence acting loop ;
27. Double cylinder, synchronous acting loop ;
28. Return cylinder linkage loop ;
29. Unloading loop ;
30. Application loop of the door-type shuttle valve;
31. Quick exhaust valve application loop ;
32. Two position three way pressure sequence valve control loop ;
33. Pressure relay control loop

Configuration:

No.	Name	Description	Unit	Qty	Remark
1	Training case	600mmX400mmX150mm	Set	1	
2	Components cabinet	540mmX600mmX600mm	Set	1	
3	Pneumatic components		Set	1	See attach list
4	Compressor	W58	Set	1	
5	Tube plug	Diameter $\phi 6$	Pcs	10	
6	Air tube	Diameter $\phi 6$	Meter	30	
7	Safety connection cable		Pack	1	
8	Power socket		Pcs	1	
9	Power cable		Pcs	1	

Pneumatic component list

No.	Name	Description	Qty.
1	Mini cylinder	MA20x100SCA-WZ132A	3 PCS
2	Mini cylinder	MSA20x100SA-WZ1321A	1 PCS
3	FRL	GC20008F1	1 PCS
4	One way throttle valve	ASC200-08	2 PCS
5	Button type manual valve	M3PP210-08	4 PCS
6	Roller lever type mechanical valve (normal open)	M3R210-08	4 PCS
7	Two-position three-way manual knob valve	M3HS210-08	1 PCS
8	Two-position five-way manual reversing valve	4H210-08	1 PCS
9	Single pneumatic control two-position three-way valve (normal open)	3A210-08-NO	1 PCS
10	Single pneumatic control two-position three-way valve (normal close)	3A210-08-NC	1 PCS
11	Single pneumatic control two-position five-way reversing valve	4A210-08	2 PCS
12	Double pneumatic control two-position five-way reversing valve	4A220-08	2 PCS
13	Double pneumatic control three-position five-way reversing valve	4A230C-08	1 PCS
14	Single electrical control two-position three -way valve (normal open)	3V210-08-NO	1 PCS
15	Single electrical control two-position three-way valve (normal close)	3V210-08-NC	1 PCS
16	Single electrical control two-position five-way solenoid valve	4V210-08	2 PCS
17	Double electrical control two-position five-way solenoid valve	4V220-08	1 PCS
18	Double electrical control three-position five-way solenoid valve	4V230C-08	1 PCS
19	Shuttle valve (or gate valve)	ST-01	2 PCS
20	Double pressure valve(or gate valve)	STH-01	2 PCS
21	Quick exhaust valve	QE-01	1 PCS
22	Time delay valve (normal close)	XQ230450	1 只

23	Time delay valve (normal open)	XQ230450	1 PCS
24	Reducing valve with pressure gauge	AR2000	1 PCS
25	Tee	EPE-6	10 PCS
26	Travel switch	YBLX-ME/8104	6 PCS
27	Integrate valve 1		1 SET
28	Integrate valve 2		1 SET