

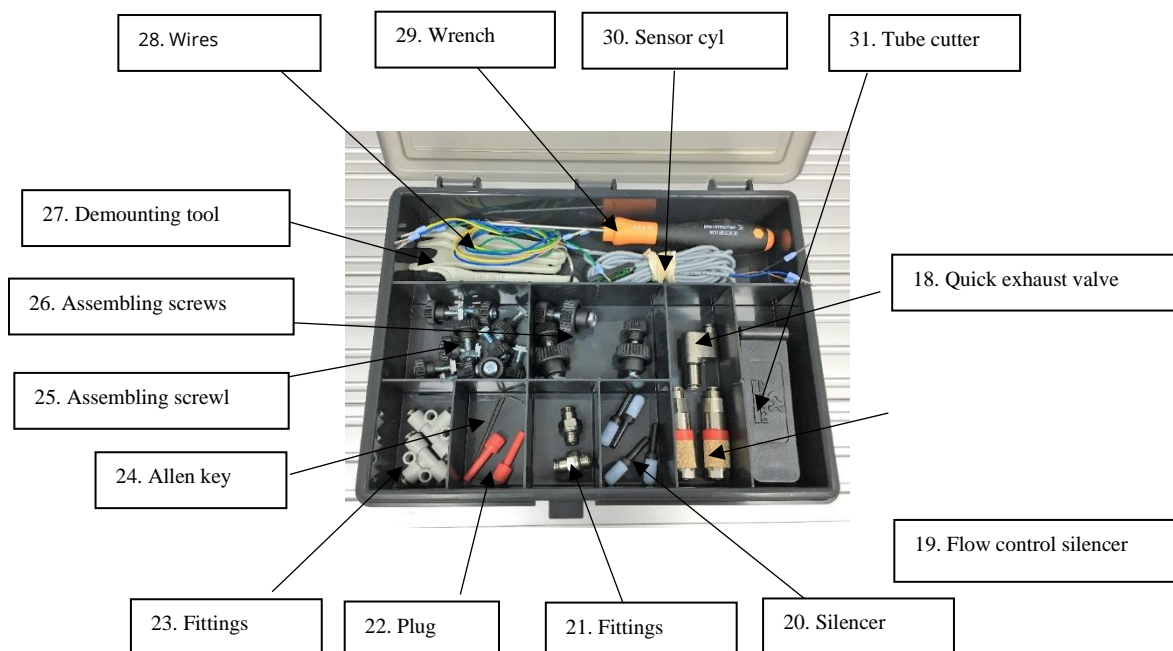
## Exercises Training Kit A Lite

0. Air treatment
1. Single acting cylinder - pressure, force, venting
2. Double acting cylinder as single acting (different cylinder forces)
3. Double acting cylinder +,- uncontrolled movement
4. Cylinder damping (function)
5. Double acting cylinder - controlled movement (bistable 5/2 valve)
6. Double acting cylinder - speed control between cylinder and valve (flow control valves)
7. Double acting cylinder - speed control through valve outlet (throttle valves)
8. Double acting cylinder - stop between end positions 5/3 valve
9. Rapid emptying of double acting cylinder (+ movement)
10. Remote control of double acting cylinder - method 1
11. Remote control of double acting cylinder - method 2
12. Remote control of double acting cylinder with the aid of two 3/2 valves
13. Control of double acting cylinder semi-automatic sequence
14. Control of single acting cylinder with 3/2 solenoid valve
15. Control of double acting cylinder with 5/2 solenoid valve
16. Double acting cylinder automatic sequence with 5/2 and 3/2 solenoid valve and cylinder sensor

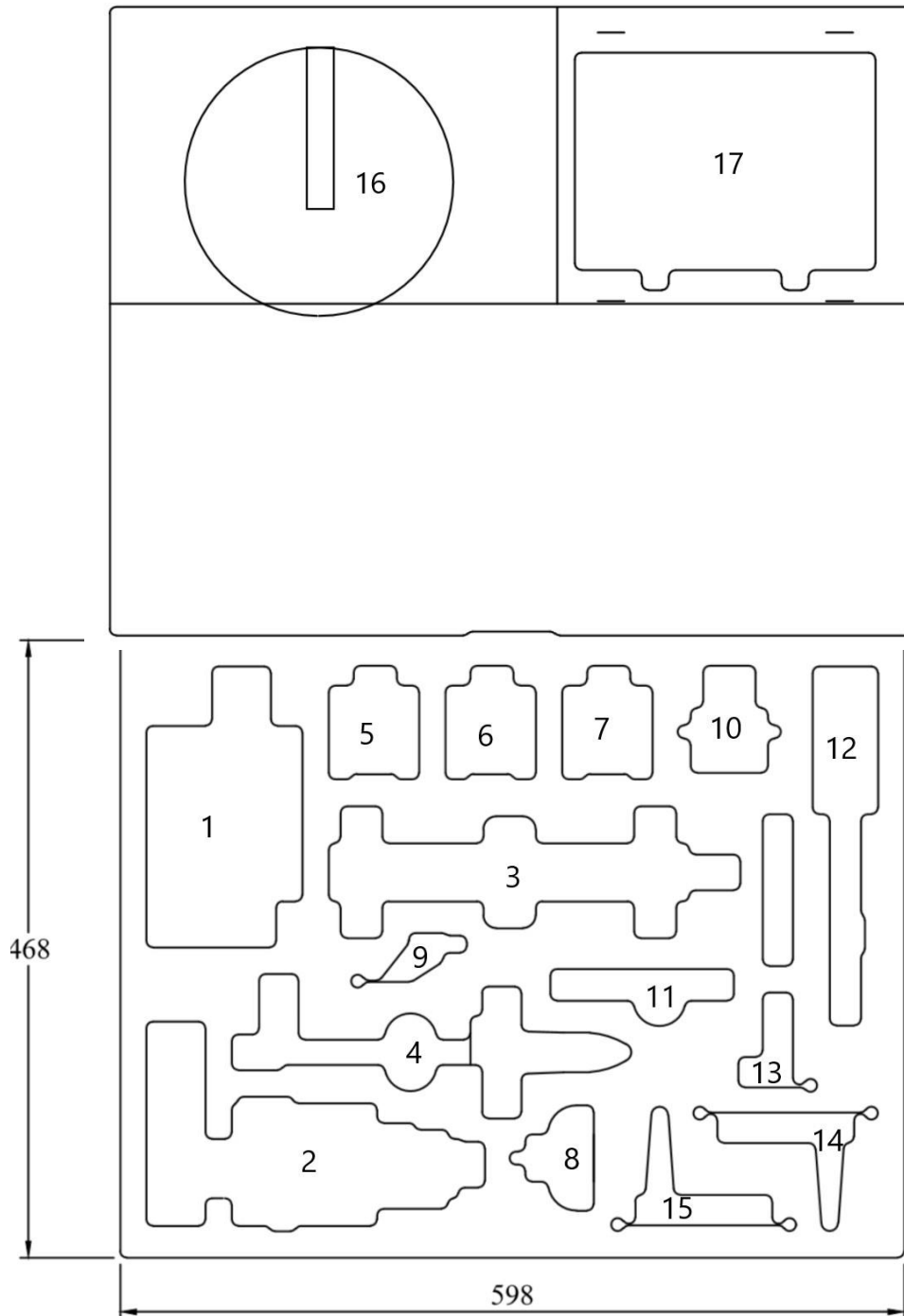
## Equipment list Training Kit A Lite

- 1 Air treatment unit
- 2 Power supply 24V DC and terminal blocks, relay
- 3 Double acting cylinder including unidirectional flow control valves
- 4 Double acting cylinder
- 5 Pushbutton incl, 3/2 valve and electrical switch, black
- 6 Pushbutton incl, 3/2 valve and electrical switch, green
- 7 Pushbutton incl, 3/2 valve and electrical switch, red
- 8 Single acting cylinder
- 9 Mechanical valve 3/2
- 10 Pressure regulator incl manometer
- 11 5/2 valve pneumatic control
- 12 Solenoid valve 5/2
- 13 Solenoid valve 3/2
- 14 Manual 5/3 with center closed
- 15 Manual bistable 5/2
- 16 Tube and wires
- 17 Box of components

### Content box of components



## Case layout



Case

