

Lacquer Changer LCC-2007 Compact

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1. Introduction

The **APSON Lacquer Changer LCC-2007 Compact** is particularly suitable for applications in systems with close spatial relations, e.g. robots, and in automatic systems for the processing of often to change chemically aggressive media, e.g. lacquers, solvents, caustic solutions, a.o. Due to the construction and the large throughput it is very well rinsable and applicable both for normal lacquers and metallic lacquers.

The compactness results because all hoses lead bundled on a within seconds unscrewable interface.

2. Features

The **APSON LCC-2007** has the following capability characteristics:

- Environmental carefully due to short rinsing times.
- Cost-saving due to very small consumption of cleaner medium.
- High throughput and very good rinsing barness.
- Simplest handling at assembling, maintenance and valve exchange.
- Fast exchange of the complete lacquer changer (approx. 3 minutes).
- Particularly suitable for close spatial relations (robots).
- Deathroom-free valves and optimized media channels for rinsing and throughput.
- Visible switching status of the valves.
- Bundled tubes routing (no tubes in the space).
- Proactive maintenance possible due to leakage display of the valves.
- Scalable, one to four valve blocks with in each case one to six valves.

3. Structure

The **APSON LCC-2007** has an integrated cleaner with 2 valves, is modular expandable for max. 22 lacquer valves and has a central output channel. As valves both APSON 2/2-ways valves for standard applications and APSON 3/2-ways valves for special applications are applicable.



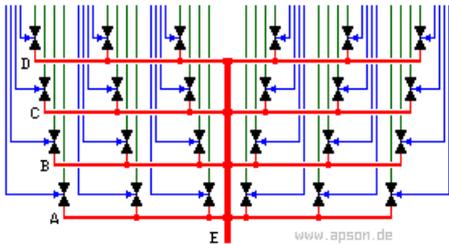
APSON LCC-2007

The **APSON LCC-2007** consists of:

- An interface for the pneumatic tubes and the inlets and outlets for the media.
- Max. four valve blocks with in each case six radially arranged screwable sockets for APSON 2/2-ways or APSON 3/2-ways needle valves.

4. Function

The **APSON LCC-2007** is pneumatically controllable.



Depending upon execution and valve assembly the following applications are possible:

- Applications with 2/2-ways valves and media branch tubings.
- Applications with 2/2-ways valves and constant media circulation.
- Applications with 3/2-ways valves (media circulation alternating with media pass through).

5. Technical Data

Denomination:	APSON LCC-2007
Media:	Lacquers, solvent, caustic solutions, a.o.
Medium pressure:	max. 12 bar
Valve assembly:	<ul style="list-style-type: none"> • 2/2-ways valves for branch tubings or constant media circulation • 3/2-ways valves for media circulation alternating with media pass through

Control air pressure:	min. 6 bar upto max. 8 bar, measured on the valve
Materials:	<ul style="list-style-type: none"> • medium-touching sections from inoxidable steel or hard coated aluminum • interface disk and union nut from hard coated aluminum
Seals:	Teflon™, Viton compound™, or on customer's request
Control air connection:	for tube 4 x 2.7 mm, (before the interface reduced to 3 x 2 mm)
Media inputs:	for tube 6 x 4 mm
Medium output:	Screwable connection G1/4", for tube 6 x 4 mm
Dimensions:	<ul style="list-style-type: none"> • without valves: ø110 mm, height 420 mm • with valves: ø125 mm, height 420 mm
Mass:	Aluminum approx. 5 kg, inoxidable steel approx. 14 kg

6. Ordering Data

Denomination	Part-Nr.
APSON Lacquer Changer LCC-2007 Compact, up to 24 valves (max. 22 lacquer valves and 2 valves for the integrated cleaner)	050-A001

Options:

- Medium-touching sections made of aluminum or inoxidable steel, depending upon customer's request
- Alternative valve assembly; 3/2-ways valves for media circulation alternating with media pass through

APSON Lackiertechnik GmbH · Am Wiesengrund 15 · D-63075 · Offenbach · Germany
 Phone: +49-69-82-369-447 · Mobile: +49-171-373-1633 · Fax: +49-69-82-369-448
email@apson.de · www.apson.de
