

# Lacquer Changer LCN-2008 Newteable

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## 1. Introduction

The **APSON Lacquer Changer LCN-2008 Newteable** pertains to the class of media changers with media recovery.

Normal media changers and media distribution systems must be rinsing cleaned before switching to a new medium. The surplus of media in such systems must be collected and be recycled at expensive monetary costs and environmental duties.

The APSON LCN-2008 consists of newtable valve switching blocks and allows full regain of the media through push-back of the media from the transportation tubes and lacquer changers into the media supply system. It offers large throughput of the medium and due to the construction and employed technology with deadroom-free APSON Lacquer Valves allows very good rinsing of the lacquer changer in conjunction with the media supply tubes and also the media output tubes.

The APSON LCN-2008 is well suited for employment in automatic systems with chemically aggressive media, e.g. lacquers, solvents, caustic solutions, a.o. Furthermore this type of lacquer changer can be also used as rinsable distributor (one inlet, several outlets) or as rinsable concentrator (several inlets, one outlet). It is usable both for normal lacquers and metallic lacquers.

## 2. Features

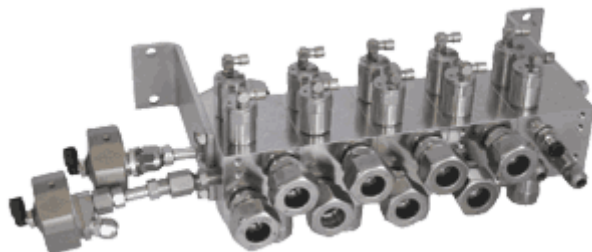
The APSON LCN-2008 has the following capability characteristics:

- Environmental carefully due to the regain of the lacquer media and short rinsing times.
- Cost-saving due to minimized medium consumption.
- High throughput and very good rinsing barness.
- Simplest handling when assembling and at maintenance.
- Very compact and suitable for close spatial relations.
- Deadroom-free valves and rinseing- and throughput-optimized medium channels.
- Consists of inoxidable steel, thus durably and corrosion resistant.
- Insensitive to caustic solutions and weak acids.
- Scalable for the desired number of media.

## 3. Structure and Function

The APSON LCN-2008 consists of:

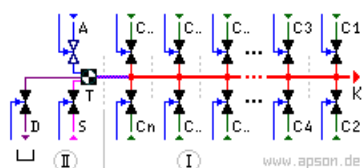
- A selectable number of medium change-over switch blocks.
- A final medium change-over switch block for the medium outlet.
- An exchangeable APSON Pulse Cleaner or APSON Turbo Cleaner.



APSON LCN-2008 with APSON Cleanerblock

Each switching block has two screwable sockets for pneumatically controllable APSON 2/2-Ways Lacquer Valves LV-200x. Thus, per block, maximal two channels can be independently connected through to the central channel. The switching blocks have a seal at each end of the output channel for sealing the neighbouring blocks as well as two pins for centering the blocks when assembling the lacquer changer. The component parts are made of inoxidable steel.

During the rinsing cycle, the cleaner (II) feeds several times alternating for short periods solvent and air into the central channels of the switching blocks of the lacquer changer (I). The lacquer changer is preferentially installed with the cleaner block at the top.



## 4. Technical Data

Denomination	APSON LCN-2008
Media	Lacquers, solvents, caustic solutions, weak acid solutions, a.o.
Medium pressure	max. 12 bar
Valve assembly	APSON 2/2-Ways Valves 200x, deadroom-free valve technology
Materials	Inoxidable steel
Seals	Viton™, or on customer's request
Media inputs	for hose and massive tube, on customer's request
Medium output	for hose D = 8 mm, d = 6 mm, or on customer's request
Dimensions of one block	<ul style="list-style-type: none"> <li>• without valves: length 80 mm, width 53 mm, height 64 mm</li> <li>• with valves: length 156 mm, width 53 mm, height 64 mm</li> </ul>
Mass	approx. 1.6 kg per lacquer change-over block

## 5. Ordering Data

Denomination	Part-Nr.
APSON Lacquer Changer LCN-2008 Newteable, <i>without cleaner</i> and media inputs, or on customer's request	050-Axxx

APSON Pulse Cleaner PC-2000 (standard cleaner)	070-A005
APSON Turbo-Pulse Cleaner TPC-2001 (alternative cleaner)	070-A002
APSON Turbo Cleaner TC-2002 (alternative cleaner)	070-A004
APSON 2/2-Ways Lacquer Valve LV-2000-2.2 (sparepart)	060-A012
APSON 2/2-Ways Lacquer Valve LV-2017-PF-2.2 (sparepart)	060-A033
APSON 2/2-Ways Lacquer Valve LV-2017-T-2.2 (sparepart)	060-A035

*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](mailto:email@apson.de) · [www.apson.de](http://www.apson.de)*

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