

# Lacquer Changer LCS-2000 Standard

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## 1. Introduction

The **APSON Lacquer Changer LCS-2000 Standard** is particularly suitable for applications in automatic systems with chemically aggressive media, e.g. lacquers, solvents, caustic solutions, a.o. Due to the construction and the large throughput it is very good rinsable and usable both for normal lacquers and metallic lacquers. Furthermore, this type of lacquer change-over switch can be also used as rinsable distributor (one inlet, several outlets) or as rinsable concentrator (several inlets, one outlet).

## 2. Features

The APSON LCS-2000 has the following capability characteristics:

- environmental carefully due to 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 compactly and suitably for close spatial relations
- deadroom-free valves, and rinsing 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 input media

## 3. Structure and Function

The APSON LCS-2000 is standardly made of inoxidable steel.



## APSON LCS-2000 with cleaner block

It consists of:

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

The lacquer changer switch blocks have a seal at each end of the output channel for sealing the neighbouring blocks as well as two pins each for centering the blocks when assembling the lacquer changer. Each block has two screwable sockets for pneumatically controllable APSON 2/2-Ways Lacquer Valves 200x.

During the rinsing cycle, the cleaner feeds several times alternating for short periods solvent and air into the central channel.

Per block, maximal two channels can be independently connected through to the central channel. The lacquer changer is preferentially installed with the cleaner block at the top.

## 4. Technical Data

Denomination	APSON LCS-2000
Media	Lacquers, solvent, caustic solutions, a.o.
Medium pressure	max. 12 bar
Valve assembly	2/2-ways lacquer valves for branch lines or constant medium circulation (see Options)
Materials	Inoxidable steel
Seals	Viton™, or on customer's request
Medium inlets	for hose D = 8 mm, d = 6 mm (or on customer's request)
Medium outlets	for hose D = 8 mm, d = 6 mm (or on customer's request)
Dimensions of one block (LxWxH)	<ul style="list-style-type: none"> <li>• without valves: 70 mm x 45 mm x 40 mm</li> <li>• with valves: 150 mm x 45 mm x 40 mm</li> </ul>
Mass	approx. 400 g per lacquer change-over switch block

## 5. Ordering Data

Denomination	Part-Nr.
APSON Lacquer Changer Block LCB-2000, without cleaner	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-A008

### Options:

- Connection for ring circuit with constant medium circulation.

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