

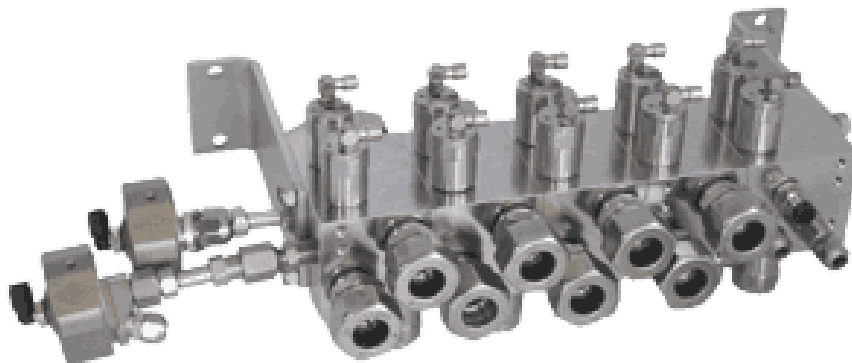
# Lacquer Changer LCN-2008 Newtable

## 1. Introduction

In paint plants with a large number of different paints, from which only a smaller number of paints (subset) is to be used per time interval (e.g. per day), it makes sense to install paint changers with a smaller number of inputs and supply the paint changer only with the respective required paints.

A **standard paint changer** must be pressed out, rinsed and pre-charged before changing to a new paint. This serial process causes unwanted work breaks and requires environmentally and costly disposal of solvent-rinsed paints.

The **APSON Lacquer Changer LCN-2008 Newtable** allows almost complete recovery of paint residues in the paint lines. It is a modular, expandable switch for pressurized, chemically aggressive work materials. It offers a high material throughput and, due to the construction and the dead-space-free APSON valve technology, allows very good flushability of the paints supply system.



APSON LCN-2008 (two-channel version) with APSON Cleanerblock

This paint changer type is available for special applications also with several independent output channels. With two-channel paint changers, economic **A-B systems** can be realized. These enable coating processes without breaks, because the inactive part of the system can be used to recover the residual paint and be pre-loaded with new paint while the other part of the system is producing.

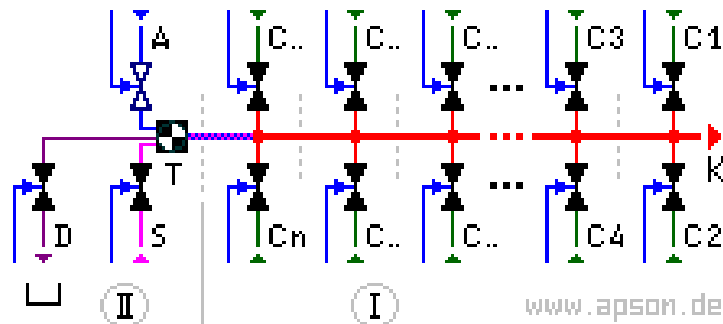
## 2. Features

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

### 3. Structure & Function

The **APSON LCN-2008** consists of a selectable number of piggable switch blocks, a paint changer endblock for the work material outlet, and a replaceable APSON Puls Cleaner or APSON Turbo Cleaner.

Each switch block has two screw sockets for pneumatically controllable APSON 2/2-way Paint Valves LV-200x. Thus, two channels per block can independently switch through to the common channel. The paint changer blocks have at each end of the outlet channel a seal for sealing the adjacent blocks and two pins for centering the blocks during assembly of the paint changer.



APSON LCN-2008 (one-channel version), function schema

**Legend:** I = paint changer, II = rinse block/cleaner, C1 to Cn = paint changer blocks (color), K = outlet channel, A = compressed air, S = solvent (solvent), T = (turbo-)mixer, D = collector container (dump).

During the rinsing cycle, the cleaner/rinsing block alternately feeds several times solvent and compressed air into the common channel of the switch blocks of the paint changer. The paint changer is preferably mounted with the cleaner block at the top.

### 4. Technical Data

Denomination	<b>APSON LCN-2008 Newtable</b>
Media	Lacquers, solvents, caustic solutions, weak acid solutions, etc.
Medium pressure	Maximum 12 bar
Valve assembly	APSON 2/2-Ways Valves 200x, deadspace-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: $D \times d = 8 \times 6$ mm, or on customer's request
Dimensions of one block, Length $\times$ Width $\times$ Height	Without valves: $80 \times 53 \times 64$ mm; with valves: $156 \times 53 \times 64$ mm.
Mass	Approx. 1.6 kg per block

## 5. Ordering Data

Denomination	Ordering-Number
APSON Lacquer Changer LCN-2008 Newtable, <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

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