

Lacquer Changer LCM-2010 Mini

704.1 V3

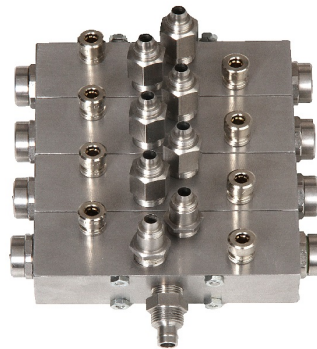
Table of Contents

1. Introduction	1
2. Features	1
3. Structure and Function	1
4. Technical Data	2
5. Ordering Data	2

1. Introduction

The **APSON Lacquer Changer LCM-2010 Mini** is a *very compact* paint changer for aggressive, liquid working materials such as varnishes, solvents, alkalis. Due to its construction and the large throughput it is very well rinseable and employable both for *Universal Lacquers* and *Metallic Lacquers*. Furthermore, this paint changer type is also useable as a flushable *distributor*.

Due to the employed valve type with tandem piston, **APSON Minivalve VNT-3011**, the paint changer is operable with the *standard* pneumatics pressures used in the industry.



APSON LCM-2010 equipped with APSON Minivalve VNT-3011

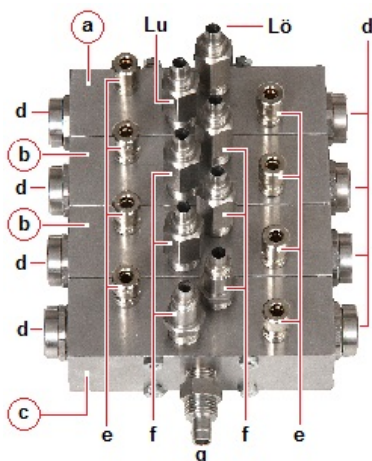
2. Features

- Environmentally friendly due to very good rinseability and short flushing times.
- Costs saving due to minimized material and solvent consumption.
- Particularly compact and suitable for tight spaces.
- Deadspace-free APSON Minivalves VNT-3011, rinsing- and throughput-optimized material channels.
- Made of stainless steel, wear-resistant and resistant to alkalis and weak acids.
- Extendable to the desired number of material inputs resp. varnishes.
- Easy handling during installation and maintenance.

3. Structure and Function

The APSON LCM-2010 consists of at least one *purge block* (at the top), a *variable* number of *extension blocks* (standard mini-valve blocks in middle part), and an *outlet block* with central output channel (at the bottom end). All

valve blocks are screwed together and are fittable with maximum two mini-valves per block. For fixing the paint changer, an angular profile is to be provided. In the following picture the nuts of the hose connectors are not shown.



APSON LCM-2010 equipped with APSON Minivalves VNT-3011

Legend: a=purge block with a connector for Lu=air and a connector for Lö=solvent (top most connector), b=extension blocks, c=outlet block, d=mini valves, e=connectors for pneumatic control, f=material inlets, g=material outlet.

4. Technical Data

Denomination:	APSON LCM-2010
Working materials:	Lacquers, solvents, alkalis, a.o.
Material pressure:	Max. 15 bar *
Pneumatic control pressure:	Approx. 6 – 8 bar *
Valve equipment:	2/2-Ways APSON Minivalves VNT-3011 (for stub-conducts or ring-conducts with continuous material circulation) *
Materials:	Stainless steel, Viton™, Kalrez™, Teflon™ *
Working material inlets and outlet:	For hose D = 8 mm, d = 6 mm *
Dimensions unequipped, L x W x H:	Approx. 79 mm x 25 mm x 25 mm
Dimensions equipped, L x W x H:	Approx. 98 mm x 25 mm x 60 mm, together with valves and connectors
Mass, unequipped:	Approx. 300 g, per block, if made of stainless steel
Mass, equipped:	Approx. 370 g, per block, together with valves and connectors

* Or according to customer specification.

5. Ordering Data

Denomination	Order-Nr.
APSON Lacquer Changer LCM-2010 Mini (consisting of rinsing block, outlet block and a number of extension blocks, in accordance with clients request)	050A__
APSON Minivalve VNT-3011	060A060

Option: Connectors for ring-conducts with continuous material circulation, or in accordance with customer specification.

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
