

# LCD - SERIES

Labotek Compressed Air Dryer  
Drying of plastic materials

**NEW!**



# LCD - Labotek Compressed Air Dryer

## Introduction

Labotek A/S offers a range of new compressed air dryers - the LCD dryer series - with a dew point down to -50°C. All models are designed to be machine mounted and for small-medium throughputs.

The electronic control panel allows easy programming via the internal data base of main materials, with the possibility of free implementation of the data by the operator.

The electronic control allows to modulate the flow of compressed air as a function of the hourly capacity and type of material which, in combination with the anti-stress system, automatically reduces the power consumption.

## Standard features & advantages

- Electronic control microprocessor-based with LCD display
- Continuous modulating system of the compressed air flow
- Daily-weekly timer
- Solid state relay control
- Antistress system
- Visual and acoustic alarm
- Compressed air filter

## Optional features

- Dew point sensor
- Supporting base
- Mobile frame with catchbox
- Wired remote control

LT no.  
220241  
220242  
220243  
220240



The electronic control panel allows easy programming via the internal data base of main materials.



Supporting base for easy installation of dryer on machine throat, comprehensive of manual sliding gate and side discharge outlet for fast cleaning.



Wired remote control



Mobile frame

## Technical specifications

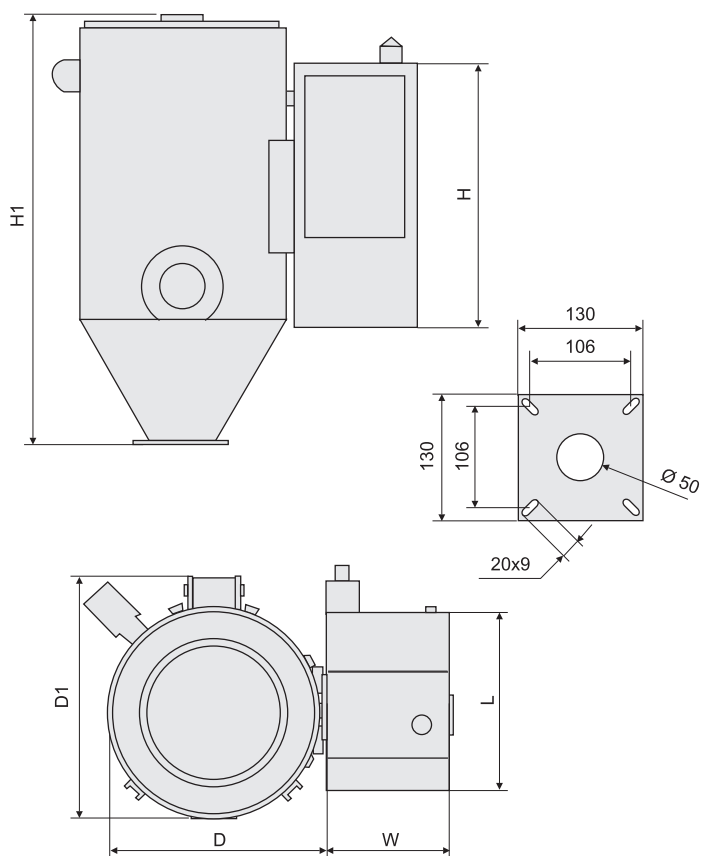
	LCD 5	LCD 15	LCD 30
Hopper volume l	5	15	30
Process airflow Nm <sup>3</sup> /h	5	10	15
Minimum dew point °C*	-50		
Heating power kW	0.45	0.45	0.95
Total installed power kW	0.5	0.5	1.0
Compressed air bar	Min. 7 bar		
Drying temp. range °C	+ 50 - 150		
Supply voltage	1 x 230 V / 50-60 Hz		
Weight kg	19	20	25
LT no.	101537	101538	101539

\*) With compressed air 7 bar and dew point +5°C

## Dimensions

Type LCD	5	15	30
D	238	274	334
D1	279	318	381
H	350	350	400
H1	415	572	707
W	163		
L	156	156	236

All measurements are in mm



## Material

	LCD 5	LCD 15	LCD 30
ABS (extrusion grade)	0.9	2.8	5.5
ABS (molding grade)	1.4	4.1	8.3
PC - ABS blend	1.1	3.3	6.5
ASA	0.9	2.8	5.5
CA	1.8	5	7
CAB	1.4	4.1	7
CP	1.5	4.5	7
EPDM	0.9	2.8	5.5
EVA	0.8	2.5	5
EVOH	1.5	4.5	7
Ionomer (Surlyn)	1.3	3.8	7
LCP	1.5	4.5	9
PA	0.8	2.3	4.5
PAR	0.7	2.1	4.2
PBT	1.3	4	7.8
PC	1.8	5.3	7.8
PC CD	0.9	2.6	5.3
PC - PBT blend	1.3	3.8	7.5
PE black	2.5	7.5	14
PE black 3%	1.1	3.3	6.6
PE black 40%	0.8	2.3	4.5
PE cable	0.8	2.3	4.5
PEEK	1.3	4	7
PEI	0.9	2.8	5.6
PEN	0.9*	2.6*	5.1*
PES	1.3	4	8
PET	0.7*	2*	4*
PET	1.3	4	7.8
PETG	1	3	5.6
PI	1.8	5	7
PLA	1	3	5.6
PMMA	1.1	3.3	6.5
POM	2.1	5.9	8.2
PP	2.5	6.7	9.3
PP TV 40	1.6	4.9	7.8
PP - EPDM	1.6	4.9	7
PPA	1	3	6
PPO (or PPE)	1.4	4.1	8.3
PPS	2	6	9.3
PS	2.8	8.3	14
PUR	1.9	5	7
PUS	1.3	4	8
PVC	4.3	10	14
SAN	1.4	4.1	8.3
SB	3	6.7	9.3
TPC	1.8	5	7
TPE	1.2	3.5	7
TPU	1.8	5	7

\*) Special version 170°C



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