

# Micro-Scan

Microprocessor Control for  
Materials Handling Systems



# Micro-Scan

## Introduction

The Micro-Scan series takes full control of materials handling requirements and enables automatic control of conveying of raw materials up to 8 stations.

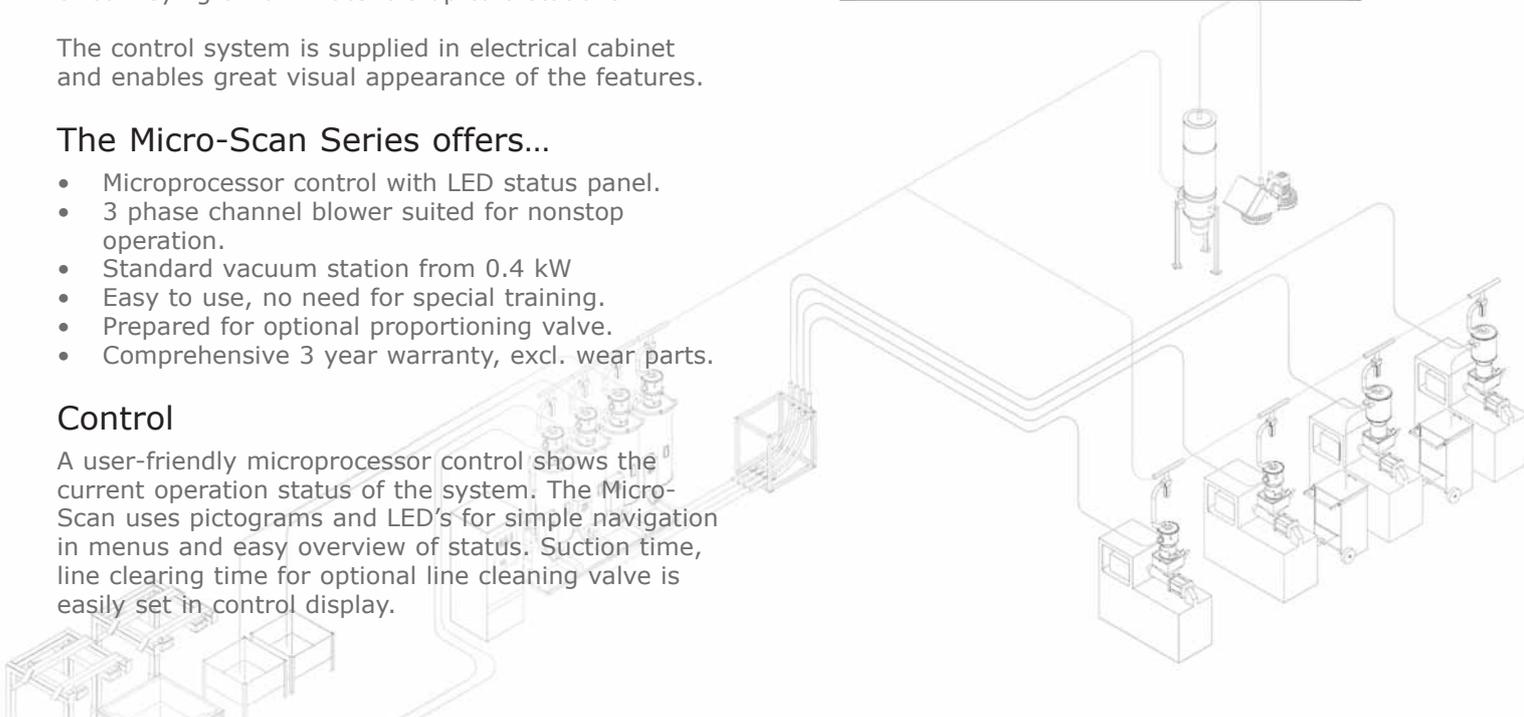
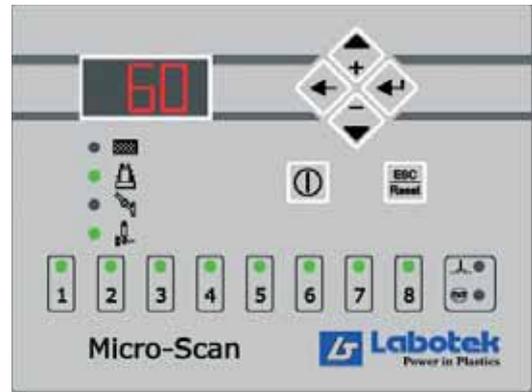
The control system is supplied in electrical cabinet and enables great visual appearance of the features.

## The Micro-Scan Series offers...

- Microprocessor control with LED status panel.
- 3 phase channel blower suited for nonstop operation.
- Standard vacuum station from 0.4 kW
- Easy to use, no need for special training.
- Prepared for optional proportioning valve.
- Comprehensive 3 year warranty, excl. wear parts.

## Control

A user-friendly microprocessor control shows the current operation status of the system. The Micro-Scan uses pictograms and LED's for simple navigation in menus and easy overview of status. Suction time, line clearing time for optional line cleaning valve is easily set in control display.



Part no.	Description	No. of stations	Vacuum Station kW
101750	Micro-Scan 8-LT3	8	0.4
101751	Micro-Scan 8-LT4	8	1.1
101752	Micro-Scan 8-LT5	8	1.3
101753	Micro-Scan 8-LT6	8	3.4
101754	Micro-Scan 8-2 x LT6	8	6.8
101757	Micro-Scan 8-NG	8	5.5

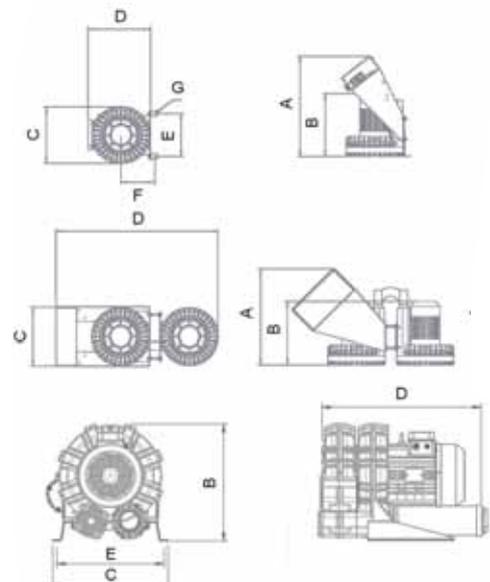
Type	kW	A	B	C	D	E	F	G
LT3	0.4	498	290	240	420	184	170	Ø 11
LT4	1.1	475	265	290	420	225	185	Ø 11
LT5	1.5	665	395	340	375	260		Ø 11
LT6	3.4	685	430	390	425	290		Ø 11
2xLT6	6.8	650	430	390	400			
SVS NG	5.5		481	470	650			

Description	Dimensions
Micro-Scan 8 LT3-LT6	L 300 x W 300 x D 200 mm
Micro-Scan 8 2 x LT6 - NG	L 400 x W 400 x D 200 mm

All measurements are in mm.

## Vacuum blowers

The Labotek Micro-Scan comprises vacuum blower(s) installed as either single, double or even larger executions, depending on application, in order to maintain a deep vacuum at lowest possible air-speed, achieving gentle conditions for the polymer being conveyed. The blowers are maintenance free and operates below 69 dBa noise level.



## Vacuum receivers

Labotek Vacuum Receivers type AVR & SVR are supplied in sizes from 1 litres up to 200 litres. The AVR is made for small consumptions such as Colors & Additives. AVR is made from aluminium. The SVR range is made in stainless steel grade AISI 304. Receivers are modular and allow users to change configuration as the requirements changes.

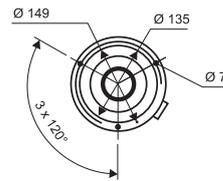
This receiver is among the most flexible available on the market. Level control in receiver is controlled via bottom flap magnet read switch, optionally the receivers may be equipped with high level sensor. The receivers have numerous filter types to select from, such as cartridges, coarse wire screens and others, enabling the receiver to adapt into almost any conveying application.

Part no.	Description	Litres	A (mm)	B (mm)
208967	AVR	1	120	335
204564	SVR 4	4	275	555
204565	SVR 8	8	275	610
204566	SVR 16	16	340	670
204583	SVR 26	26	340	790
204593	SVR 50	50	340	1100
206825	SVR 50 / Ø 400	50	420	917
204627	SVR 75	75	420	1284
204628	SVR 100	100	420	1404
204629	SVR 150	150	600	1287
204630	SVR 200	200	600	1512

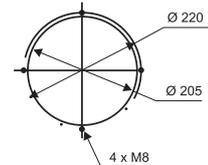


Mounting Pattern:  
SVR 75-200 L  
& SVR 50 / Ø 400

Vacuum receiver  
SVR 75-200 L



Mounting Pattern  
AVR 1 L



Mounting pattern  
SVR 4-50 L



Vacuum receiver  
SVR 4-50 L



Compressed  
air filter cleaning



Dust cyclone



Self purifying filter

## Options

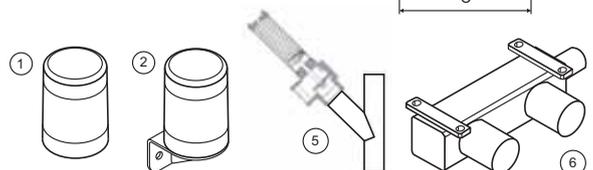
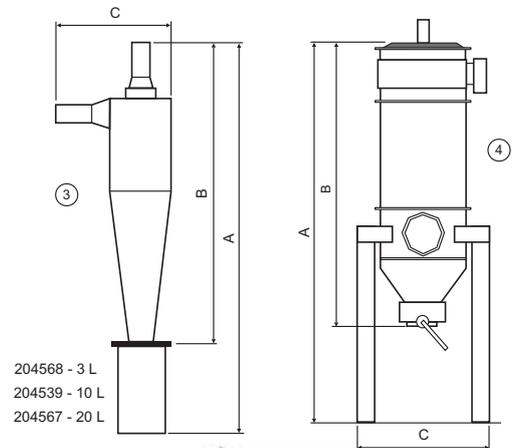
The Micro-Scan control is prepared for a number of options:

Pos.	Description	Part no.
1	Warning lamp (fitted on top of control)	Standard
2	Warning lamp 24 V (with 10 m cable for remote location)	203578
	Local On/Off at production machine	204898

## Filter options

There are several filter cleaning options for the Micro-Scan, such as dust cyclone, self-purifying filter and powder filter with compressed air filter cleaning.

Pos.	Description	A	B	C	Part no.
	Cyclone LT3-LT4, Ø 38	459	259	140	208989
3	Dust cyclone, 3 L, Ø 50	1117	861	325	204568
3	Dust cyclone, 10 L, Ø 50	1117	861	325	204539
3	Dust cyclone, 20 L, Ø 50	1117	861	325	204567
4	Self purifying filter Ø 50	1840	1375	763	208804
5	Pipe cleaning valve Ø 38				203459
5	Pipe cleaning valve Ø 50				203178
5	Pipe cleaning valve Ø 65				203184
6	Manifold 2 vacuum valves				208968
6	Manifold 4 vacuum valves				208969





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