

Pneumatic Color Change Control



EnDiSys offers low and high pressure color change systems with or without gun flush control that deliver quick, consistent color changes with minimum waste.

FEATURES

- Handles multiple colors and gun cleaning from one control panel located within spray booth
- Faster flushing sequences with less waste
- Available in low and high pressure configurations
- Designed to handle single or plural component water-borne or solvent borne materials
- Designed to operate safely in Class 1, Div. 1, Group C & D hazardous environments
- Includes 1 atomizing air cutoff valve

OPTIONS

- Low-pressure color valves 300 psi (2.1 MPa, 21 bar)
- High-pressure color valves 3000 psi (14MPa, 140 bar)
- With or without gun flush box control
- With or without soft air push
- Color options — 2, 4, 8, 12, 16, 20 & 24

TYPICAL APPLICATIONS

- Several color changes per day
- Fast color change time
- High production rates
- Problems meeting EPA requirements

TYPICAL MATERIALS

- Solvent borne coatings
- Waterborne coatings
- High solids
- Catalyzed materials



Model shown is without soft air push

TECHNICAL SPECIFICATIONS

Number of color selections	unlimited
Maximum air input pressure	100 psi (0.7 MPa, 7 bar)
Control air output	100 psi (0.7 MPa, 7 bar)
Tube connections	5/32 in. (4mm) OD
Approximate dimensions	20 in x 20 in x 8 in
Air and solvent time range	1-30 seconds
Cycle range	0-999
Gun fill time	3-60 seconds

ORDERING INFORMATION

Please see back for ordering information



Home Office

14329 Northdale Blvd, Rogers, MN 55374
Voice: 763.428.5075 Fax: 763.428.5078

Illinois Office

120 Industrial Drive, Gilberts, IL 60136
Voice: 847.844.1854 Fax: 847.844.1857

Ohio Office

2962 Township Road 97, McComb, OH 45858
Voice: 763.286.4821 Fax: 763.428.5078



TYPICAL APPLICATION



Advantages:

Air / Solvent Sequencing

- Flushes material lines in less than half the time with half the solvent
- Creates a highly efficient scrubbing action
- Time adjustable from 1.0 to 30.0 second duration for air and solvent
- Cycle counter adjustable from 0 to 999 cycles

Soft-air Push (option only with low pressure valve version)

- Allows operator to use all paint left in the line before flushing, thereby further reducing waste

Example of a 15 second flushing involving 5 cycles with 2.0 second air and 1.0 second solvent for each cycle:

Cycle 1		Cycle 2		Cycle 3		Cycle 4		Cycle 5	
Air	Solv	Air	Solv	Air	Solv	Air	Solv	Air	Solv
2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0

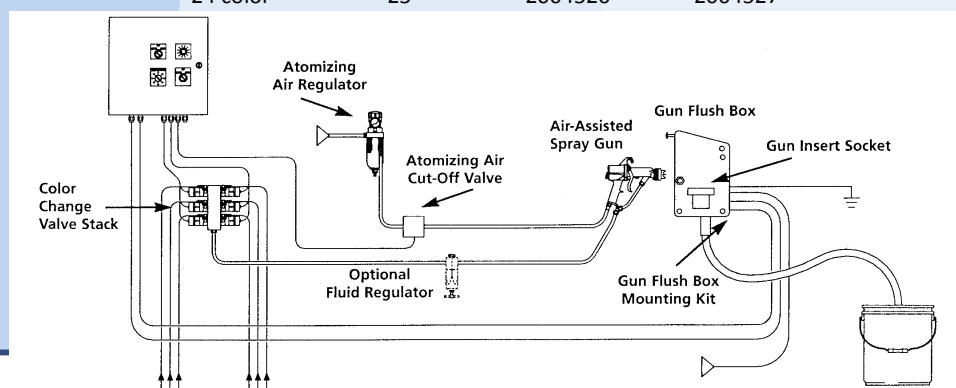
ORDERING INFORMATION

Air Solvent Chop

# of Colors	Total Valves	w/o GFB Control		with GFB Control	
		With Soft-Air		With Soft-Air	
		Push	w/o Soft-Air Push	Push	w/o Soft-Air Push
2 color	4	2004530	2004548	2004533	2004551
4 color	6	949798	949797	570257	570253
8 color	10	949799	949804	570258	570254
12 color	14	949801	949800	570259	570255
16 color	18	949870	949784	570260	570256
20 color	22	2004531	2004549	2004534	2004552
24 color	26	2004532	2004550	2004535	2004553

Solvent Flush Only

# of Colors	Total Valves	w/o GFB Control	with GFB Control
2 color	3	2004514	2004521
4 color	5	2004515	2004522
8 color	9	2004516	2004523
12 color	13	2004517	2004524
16 color	17	2004518	2004525
20 color	21	2004519	2004526
24 color	25	2004520	2004527



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