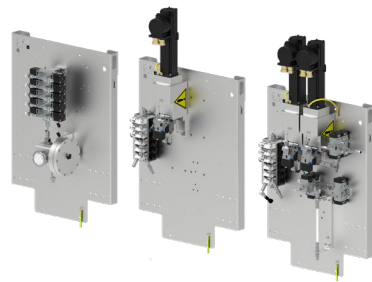# Fluid board

Modular paint dosing and color change system

Fluid board

Modular paint dosing and color change system

The fluid board is designed to be fully controlled by the **Eco**AUC and covers application such as 1K or 2K, low or high pressure as well compatible for **Eco**Bell or **Eco**Gun. In addition to the color change technology with the **Eco**MCC as well as **Eco**Valve7 series valves, the **Eco**Pump9 GW for high-precision metering or the compact **Eco**Flow regulators for flow control are used. With the **Eco**Pump9 GW dosing pump, Dürr has the advantages with flank flushing (only for the 3cc/min and 4.5cc/min sizes) as well as pressure sensors at the pump inlet and outlet. The compact design of the Fluid board allows installation even in small rooms and does not cause any assembly time as it is delivered readily assembled.

PRODUCT LINE

	Fluid board
Part No.	N13170001V
No. of colors	2-10 low pressure / 1-9 high pressure
No. of catalyst	1-3
Dosing system	Dosing pump or paint pressure regulator
Gear pump dimension component A	4,5cc, 3cc, 2cc, 1cc, 0,45cc
Gear pump dimension component B	4,5cc, 3cc, 2cc, 1cc, 0,45cc
Certification	EU / UI
EX	zone 1

CUSTOMER BENEFITS

Delivered fully assembled. Only hoses and wires must be connected

Up to 10 colors and 3 catalysts

Available for high- or low-pressure application

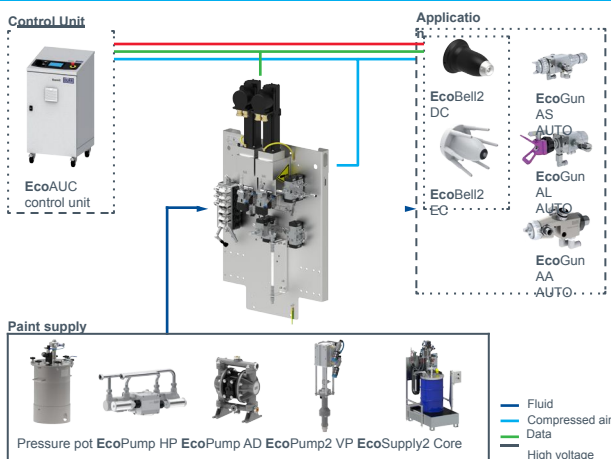Service and maintenance friendly

In combination with **Eco**AUC and

EcoBell / **Eco**Gun quickly created ready2integrate package
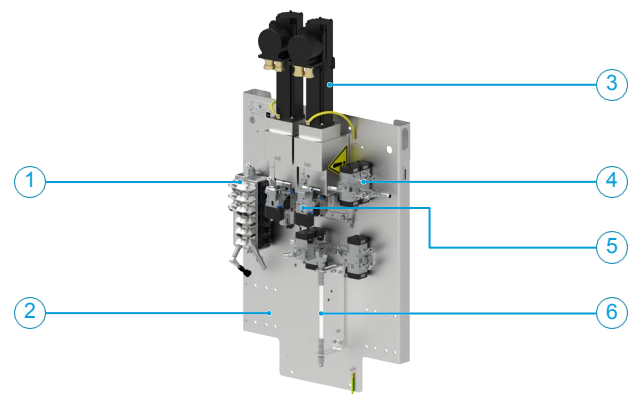
Color change technology with **Eco**MCC / **Eco**Valve7 series

EcoPump9 GW dosing pumps

EcoDocu available

INTEGRATION SCHEME

Control Unit

EcoAUC control unit

Application

EcoBell2 DC

EcoBell2 EC

EcoGun AS AUTO

EcoGun AL AUTO

EcoGun AA AUTO

Paint supply

Pressure pot **Eco**Pump HP **Eco**Pump AD **Eco**Pump2 VP **Eco**Supply2 Core

— Fluid
— Compressed air
— Data
— High voltage

TECHNICAL ILLUSTRATION

1 Color changer paint, **2** Mounting board, **3** Servo drive, **4** Color changer catalyst, **5** Dosing pumps, **6** Static mixer

Fluid board

Modular paint dosing and color change system

Fluid board

Option	Code		Code	Option
Version				Bypass catalyst
EU	EU		y	yes
US	US		N	No
Pressure range				Dosing pump catalyst (incl. pressure sensors)
low pressure	20		045	0,45 ccm
High pressure	200		100	1,0 ccm
Prozess			200	2,0 ccm
1K	1K		300	3,0 ccm
2K *	2K		450	4,5 ccm
Aplication principle			N	Not relevant
Atomization	A			Dosing pump colors (incl. pressure sensors)
Overspray free application ****	P		045	0,45 ccm **
No. of colors (circulation) - LP only			100	1,0 ccm **
0	0		200	2,0 ccm **
2	2		300	3,0 ccm ***
4	4		450	4,5 ccm ***
6	6		N	Not relevant
8	8			Dosing system
10	10		DP	Dosing pump
No. of colors (deadend)			PPR	Paint pressure regulator
0	0			No. of catalysts deadend - LP
1 (HP only)	1		0	0
2 (IP only)	2		1	1
3 (HP only)	3		2	2
4 (IP only)	4		3	3
5 (HP only)	5			
6 (IP only)	6			
7 (HP only)	7			
8 (IP only)	8			
9 (HP only)	9			
10 (IP only)	10			

* available for low pressure application only, ** incl. bypass, *** incl. bypass & flank flushing, **** coming soon

Support mounting plate R2S cpl.	
Part No.	M65860101