

PNEUMATIC DIAPHRAGM PUMP

PD SERIES

PD40・PD40L

✓ High Durability

The durable major diameter diaphragm is used in the product.

✓ Easy Maintenance

The air valve is removable.

✓ Cost Reduction

Easy color change system, high transfer volume and improved diaphragm realize time and thinner saving.

✓ Saving Space

The product can be installed and moved easily because it's small and light. In addition, there is storage space for paint can in the stand.

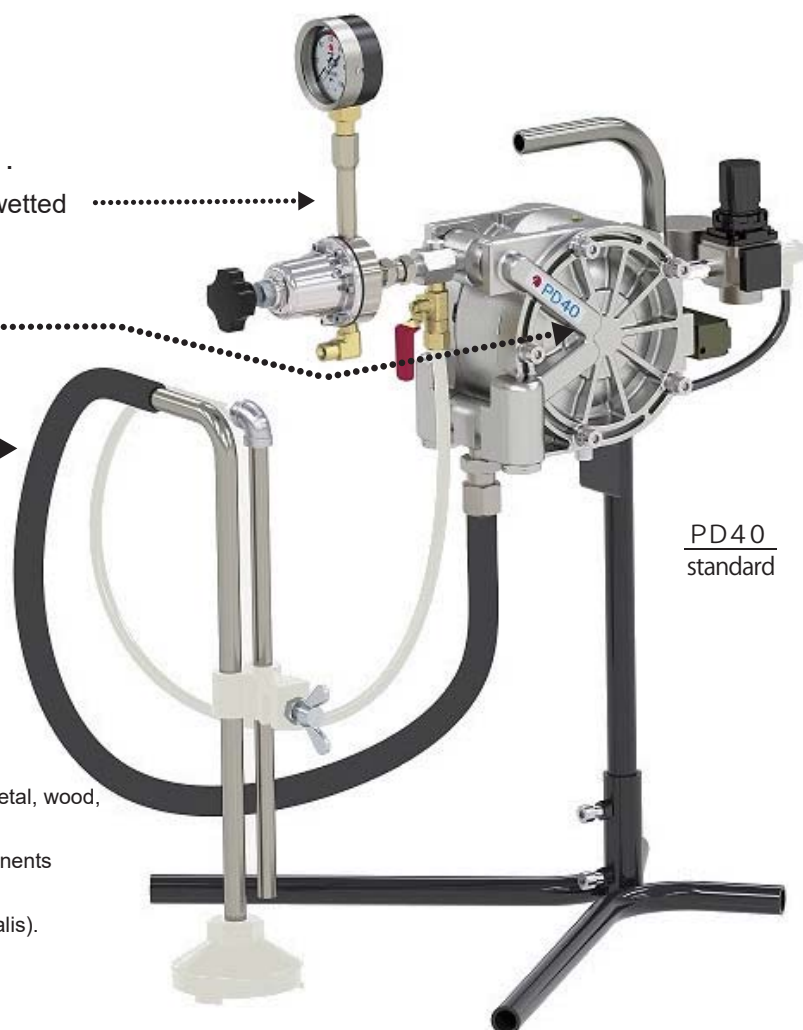
High Washability

NEW Mount the new paint regulator "AR70" .

It is excellent in washability by improvement of wetted surface and paint passage.>

Realizes high washability>
by the specially-treated flange inner surface.

Triple Structure Suction Hose>
Solvent resistance, washability,
and durability has been improved.



PD40
standard

Applications

- Supply of paint to automatic coating systems such as reciprocators and painting robots.
- Supply of paint to mass application spray guns used for metal, wood, and plastic.
- Supply of paint to spray guns used for construction components top coating (metallic etc).
- Transfer of chemicals (Except strong acids and strong alkalis).



Aiming at eco-friendly and
human-friendly coating

"Ec'Coater" is formed from the words "Ecology"
and "Coater (coating machine)"
"Ec'Coater" represents our concept born through
our corporate principle.

NEW PAINT REGULATOR AR70



AR70

Features

- ✓ Shorten the color change time by mirror finishing of wetted surface.
- ✓ Paint pressure and flow rate are stable even at small delivery.
- ✓ Max flow rate increases 45% by a large diameter paint valve.
- ✓ It improves coating quality and reduces waste of paint.

Specification

●AR70

Model	AR70
Part No.	0767-1
Max primary paint pressure	0.7MPa
Pressure range	0.05 ~ 0.5MPa
Viscosity of coating	10 ~ 300mPa·s
Max paint flow rate	7L/min
Temperature	0 ~ 40°C
Paint inlet diameter	G1/4(PF1/4)
Paint outlet diameter	G1/4(PF1/4)
Dimensions (excluding pressure gauge)	Φ64×142
Weight	980g

●PD40・40L

Model	PD40 (standard)	PD40L (Fine flushing type)
Part No.	40362-1	40361-1
Pressure ratio	1 : 1	
Max paint flow rate※1	20L/min	10L/min
Max air consumption	170L(ANR)	
Max air pressure	0.7MPa	
Max paint pressure	0.7MPa(Pump outlet)	
Max fluid temperature	60°C	
Air inlet bore	G1/4(PF1/4)	
Paint outlet bore	Rc3/8(PT3/8) (Low pressure regulator outlet bore G1/4(PF1/4))	
Dimensions(W×D×H)	470×540×690mm	
Weight	8.5 kg	

※1: Fluid: Water, Pump



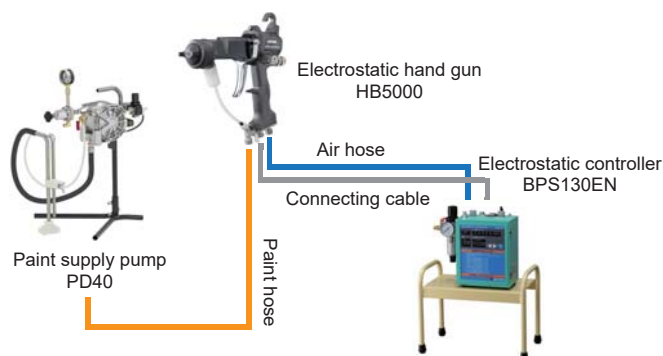
PD40



PD40L

Example of use

Components	Model	Part No.	Comments
Electrostatic hand gun	HB5000	12A1	For 60kV
Electrostatic controller	BPS130EN	52544-2	200 to 240VAC
Paint supply pump	PD40	40362-1	-
Paint hose	DH28-10	3421-2	Hose length: 10m
Air hose	AH22-10	3403-2	Hose length: 10m
Connecting cable	-	2552	Cable length: 10m



Cautions for Safety

For correct and safe use of the equipment, please refer to Operation manual provided for it.

*Appearances and specifications of the equipment shown on this booklet are subject to be changed for the purpose of its improvement, without pre-announcement.



ASAHI SUNAC CORPORATION

Head Office & Factory
5050 Asahimae-cho
Owariasahi, Aichi Pref., 488-8688 Japan
Tel: +81-561-52-0717
Fax: +81-561-54-8847
<http://www.sunac.co.jp>
E-mail: ctrd01@sunac.co.jp



ISO9001
JQA-2095



ISO14001
JQA-EM2121

©2010 Asahi Sunac Corporation. All Rights Reserved.
Models and specifications are subject to change without notice.

