



PU Series

CONTROLLED, EFFICIENT AIR BLOWING

Pulse blow unit

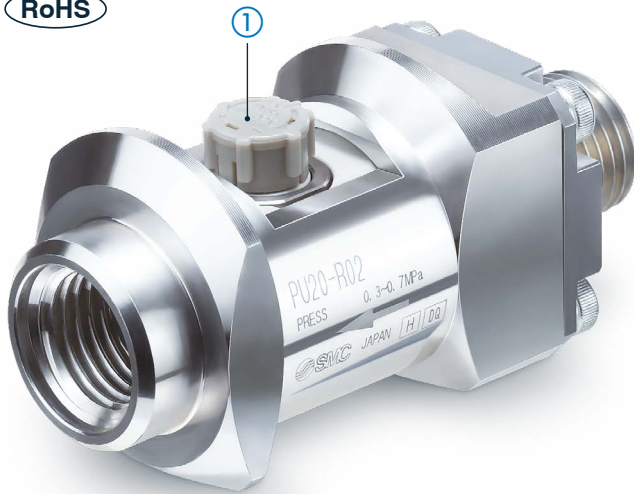
Quick overview



Expertise
Passion
Automation

Pulse blow unit

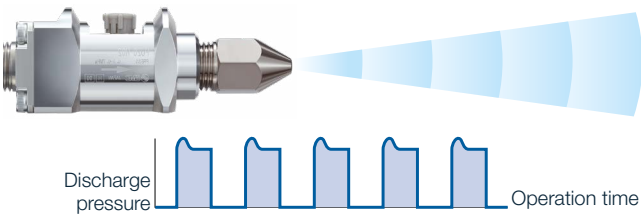
RoHS



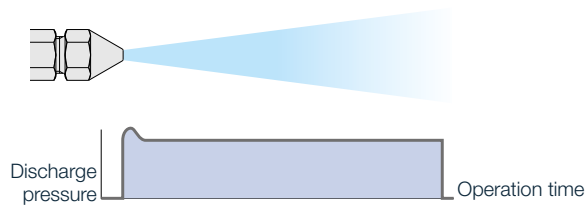
MAIN FEATURES

Less air consumption and CO₂ emissions reduced by 50 %

Pulse blow



Continuous blow



① Push-lock type frequency adjustment knob

Push-lock type
Frequency adjustment knob (8 rotations)



BENEFITS

- **Blow efficiently** – Intermittent pulse blow improves removal efficiency by 35 % compared with continuous blow
- **Select operating frequency easily** – Possible to adjust the frequency with a push-lock type adjustment knob
- **Avoid complicated control requirements** – Only compressed air is required
- **Implement in a simple way** – Suitable to mount onto blow guns directly.

External power supply is unnecessary

Two ways to use:

- Bracket mounting for stationary use



- Combination with a blow gun



A large effective area (10.3 mm²)

Compact, lightweight (47 g)

SELECTED PART NUMBERS

Part number	Operating pressure range [MPa]	Frequency adjustment range [Hz]	Port size	Bracket
PU20-R02	0.3 to 0.7	5 to 10	IN side port: R1/4 (male thread) OUT side port: Rc1/4 (female thread)	—
PU20-R02-B				Yes

ACCESSORIES

Part number	Description
PU20P-B	Bracket

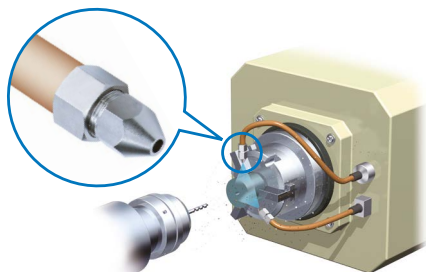
APPLICATIONS

Thanks to its high efficiency compared with continuous blow, it is perfect for all industries/applications that use blow guns and air blow nozzles, such as:

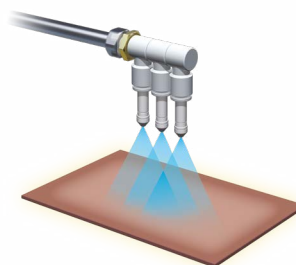
Removal of cutting chips/oil droplets



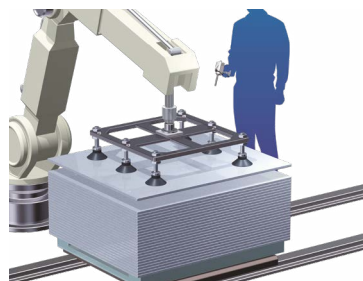
Cooling during machining



Cooling of workpieces



For the separation of workpieces stuck together with oil, etc.



RELATED PRODUCTS



Blow gun
⊕ VMG Series



Efficient nozzle
⊕ KNH Series



Nozzle with flow rate adjustment function
⊕ KNC Series



With male thread/ swinging nozzle
⊕ KN Series



Expertise
Passion
Automation

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Release DZ
FLYER-PU-A-UK

Specifications are subject to change without prior notice and any obligation on the part of the manufacturer