SMC
Automation - Controls - Process

Impact Blow Gun

RoHS **Air Saving**

Energy savings (annual)

CO_2 **96 kg**

Operation time

Max. 97% reduction

Application Example: Cutting chip removal (The removal of cutting chips adhered to a clamping unit)
Pressure: 0.5 MPa, When operating for 2500 hours/year, 120 removal operations/hour

IBG Series

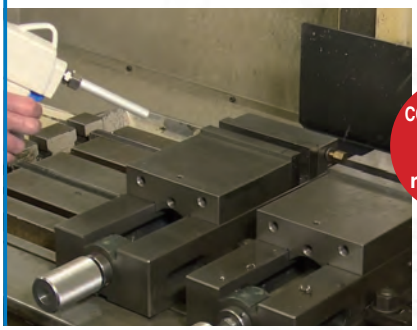
Nozzle size: ø10

Removal time 0.1 s/cycle

Air consumption: 0.8 L (ANR)/cycle

CO_2 emissions **14 kg/year**

240 m^3/year (ANR)



CO_2 emissions **87% reduction**

Existing model (Continuous blow VMG series)

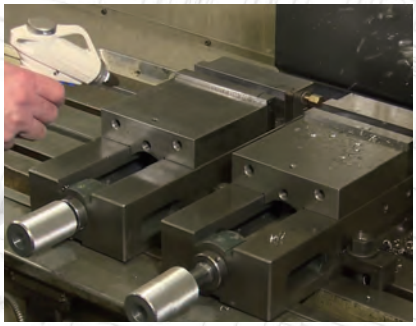
Nozzle size: ø2

Removal time 3.1 s/cycle

Air consumption: 6.3 L (ANR)/cycle

CO_2 emissions **110 kg/year**

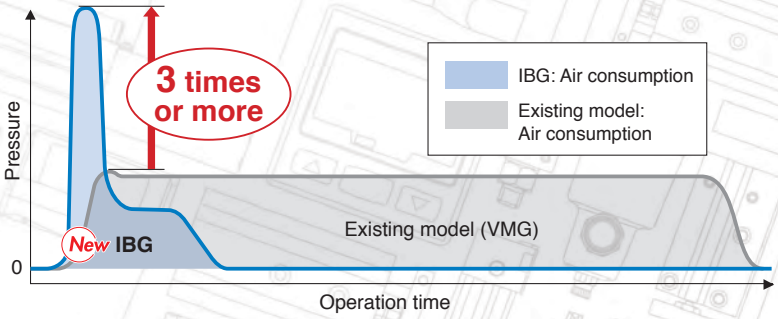
1,890 m^3/year (ANR)



Higher peak pressure for reliable and simple removal

* Compared with the existing model (According to blow conditions)
Pressure: 0.5 MPa (Based on SMC's specific testing conditions)

Video



Noise reduction

- 80 dB(A) or less
  * Based on SMC's measurement conditions
- Compliant with OSHA Standards (U.S. Standards)

Silencer	1910.95: Max. noise level 1910.242B: Max. discharge pressure

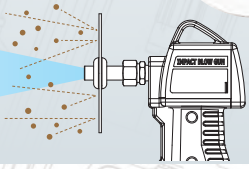
Video

Long nozzle with a silencer

Chip guard

Guards against the blown machining chips and workpiece

Sold Separately

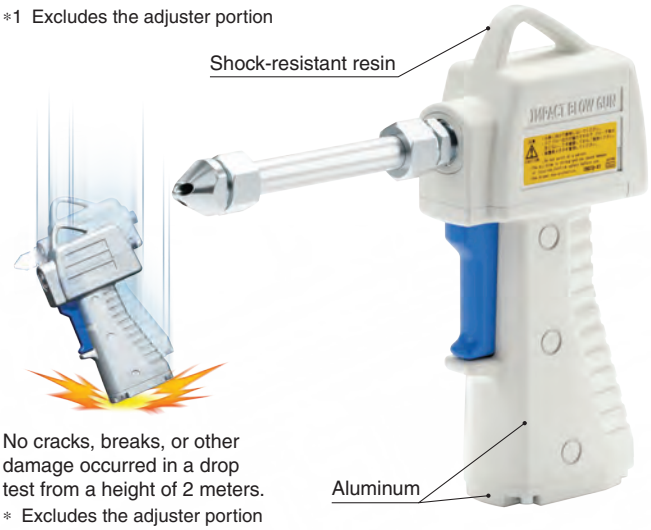


IBG Series

Air Saving Impact Blow Gun *IBG Series*

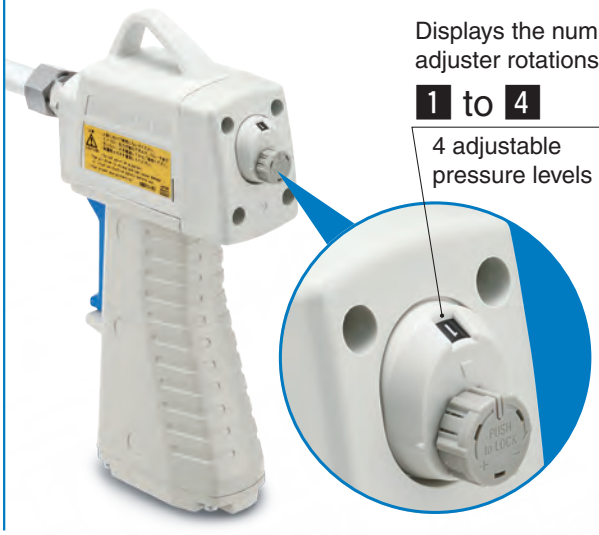
Uses shock-resistant resin*1

*1 Excludes the adjuster portion



No cracks, breaks, or other damage occurred in a drop test from a height of 2 meters.
* Excludes the adjuster portion

Adjustable peak pressure



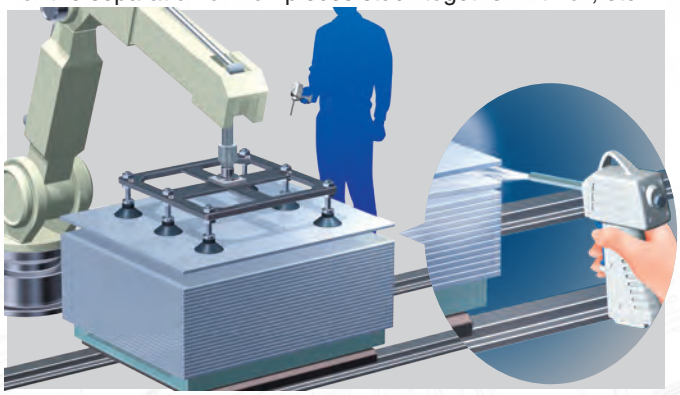
Application examples

For the reliable and simple removal of machining chips, foreign matter, and water droplets

Powerful blow | **Reduced air consumption** | **Reduced operation time**

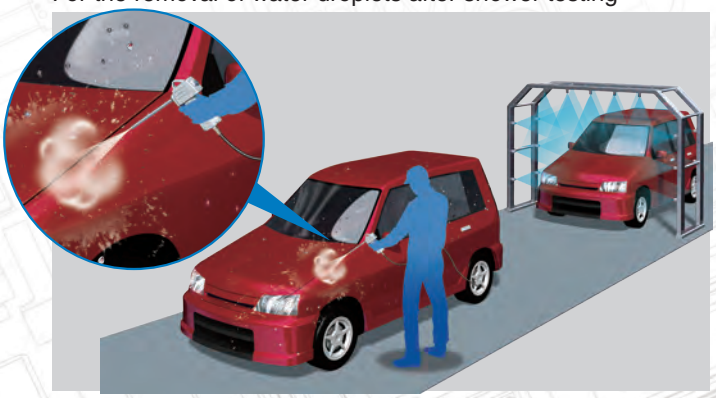
For the quick removal of machining chips coated with oil

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



For the instantaneous removal of powder

For the removal of water droplets after shower testing



BP RRD 2M