

UNIPORE AIR GUN

(ABS body type)

UNIPORE AIR GUN is built-in hollow fiber filter cartridge into tip. The particle retention of this filter is 0.01 μ m. And, this filter is cartridge types that can be exchanged. UNIPORE AIR GUN does not use the metallic part, and are all made of the resin. Weight is light, it is easy to use and can use in long time works. UNIPORE AIR GUN has some optional parts of coil hose and bushing. It is possible to connect to piping easily by using these.



Features

0.01 μ m Hollow fiber Filter
 Compact and light weight
 Oil free
 Exchange filter type
 All resin

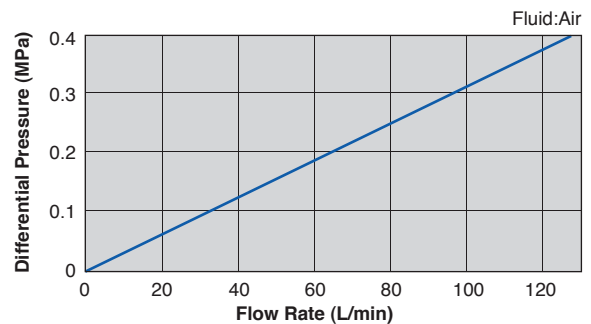
Benefits

Clean air is obtained
 High flow rate
 Easy to use
 For clean room
 Eco-specification
 Light weight

Specifications

Fluid	Compressed air, Nitrogen
Operation Temperature	5°C~50°C
Maximum Operation Pressure	0.4MPa
Filtration Area	80cm ²
Particle Retention	0.01 μ m
Weight	Body 120g
	Filter 11.5g
	Coil Hose 260g
	Hose Nipple 5g

Flow Characteristics



Applications

- Compressed air and Nitrogen blow
- Rinsing equipment and Print board
- Precision machinery, Micro electric parts



Concrete Example

Air blow of workspace

- As a air blow tool in the fume hood
- Blow the waterdrop off on glass after wash work
- Blow the waterdrop off on container after wash work in wash place

Removal of particle

- Cleaning of machine
- Cleaning of print writing board

Product Code

Main gun unit	Product code	Contents
Air Gun unit for clean room use	CAGN-14	Gun body (ABS) Filter cartridge Spare cartridge Plug
Air Gun unit for general	AGN-14	Hose nipple

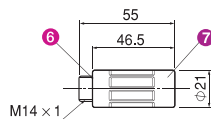
Option	Product code	Contents
For clean room use	CAGNC-80N1-14	Filter cartridge
	AGNC-80N1-14	2pcs
Coil hose	HOSE-1	Coil hose(PU)
Socket	TS-2NZP	Socket with Rc1/4
	TS-3NP	Socket with Rc3/8
	TS-4NP	Socket with Rc1/2

Order example

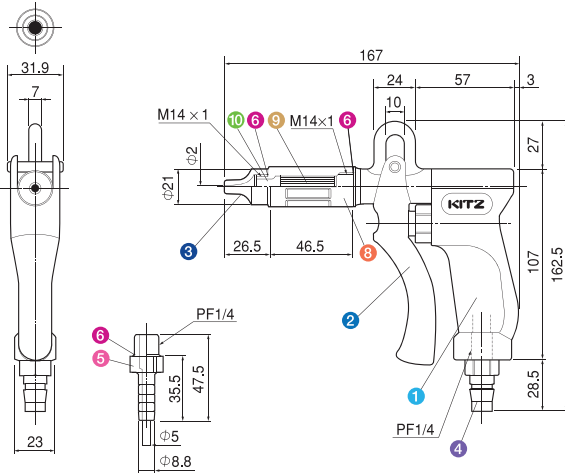
- Case1: Connection with a hose that you have.
CAGN-14+your hose+your connector
- Case2: Connection with femoral screw of Rc1/4
CAGN-14+HOSE-1+TS-2NZP

Dimensions

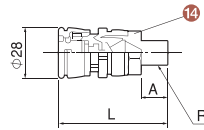
UNIPORE Air Gun:CAGN-14



Filter Cartridge:CAGNC-80N1-14



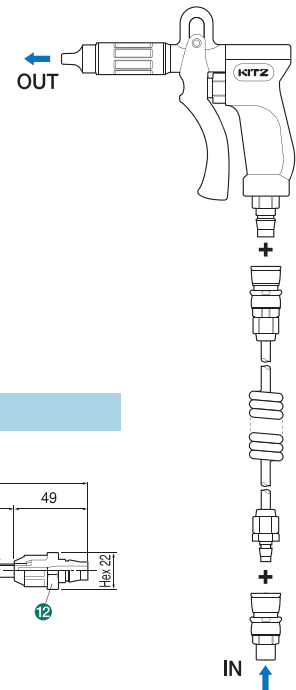
Socket (Option)



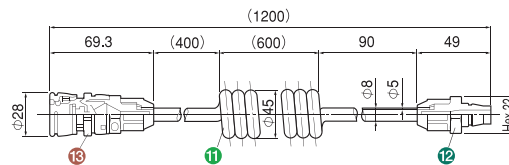
Code	A	L	R(PT)
TS-2NZP	14.5	60.3	R1/4
TS-3NP	14.5	61.8	R3/8
TS-4NP	16.5	63.8	R1/2

Connect Configuration (KITZ Recommend)

The socket has Lock function and a check valve inside.



Coil Hose (Option):HOSE-1



Available range:4m

★Enclosed hose nipple is for hose usage. Remove the plug from body and connect.

Materials

1	Body	ABS
2	Trigger	Polypropylene
3	Nozzie	Polyamide
4	Plug	Polyamide
5	Hose nipple	Polyamide

6	O-ring	Fluoro Rubber
7	Exchange filter	
8	Filter case	Polyacrylonitril
9	Filter media	Polypropylene
10	Filter potting	Polyurethane

11	Hose	Polyurethane
12	Plug	POM
13	Socket	POM/SUS304
14	Socket	POM/SUS304