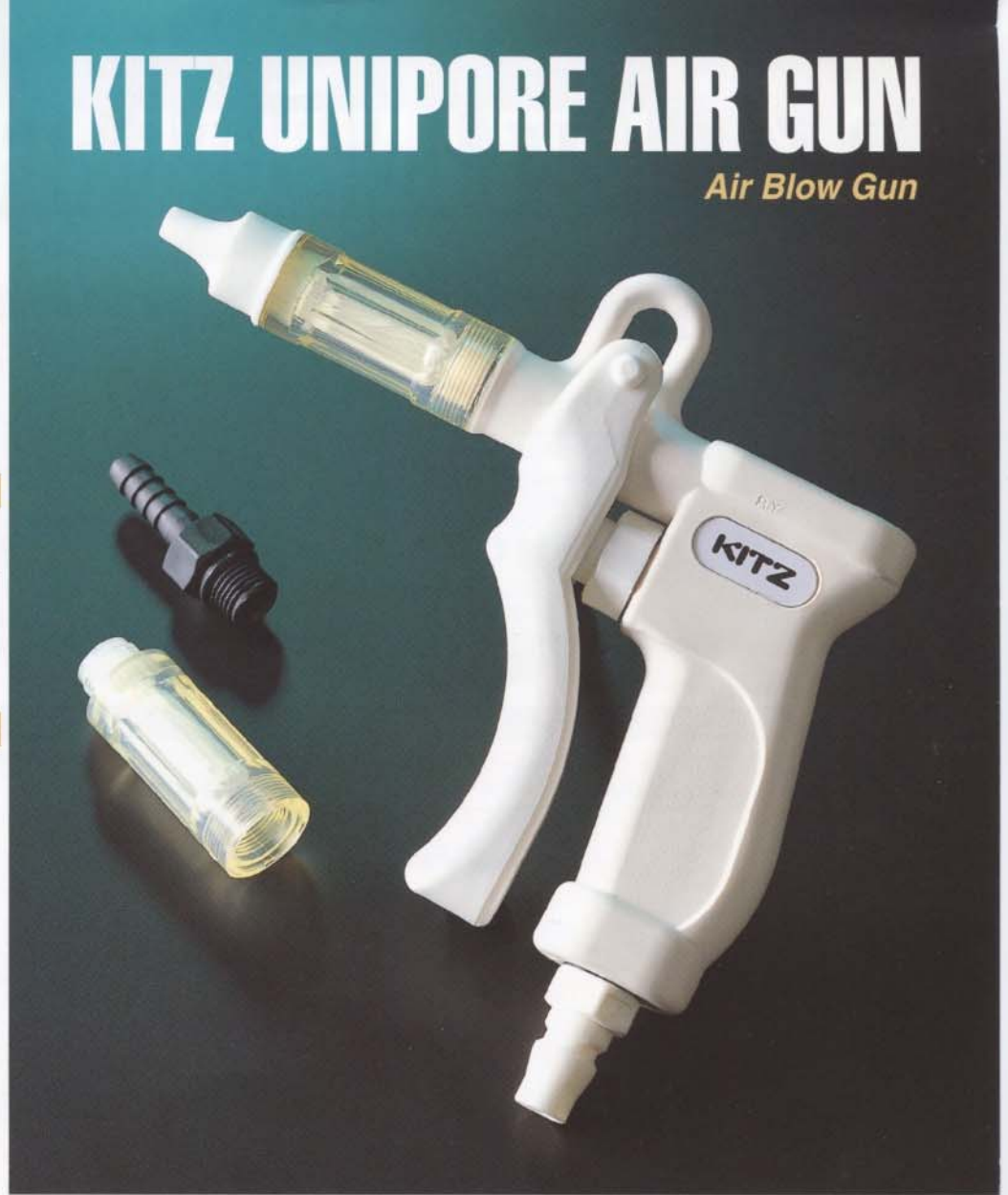


Application

- Compressed Air and N₂ Blow.
- Rinsing Equipment and Print Board.
- Precision Machinery, Micro Electric Parts.

Features

- 0.01μm Hollow Fiber Micro Filter.
- Compact and Light Weight.
- High Flow Rate.
- Oil Free, Particle Free for Clean Room.



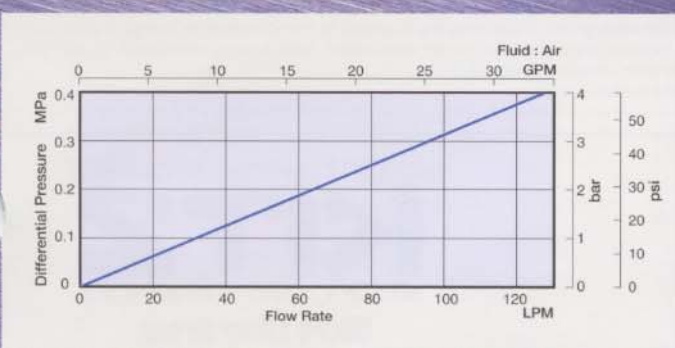
Specifications

Application	Compressed air, N ₂
Maximum Operation Pressure	0.4MPa 4bar 58psi
Operation Temperature	5°C~50°C 41°F~122°F
Filtration Area	80 cm ² 0.086ft ²
Particle Retention	0.01 μm
Weight	Body : 120g Filter : 11.5g Coil hose : 260g Socket : 24g ~ 26g

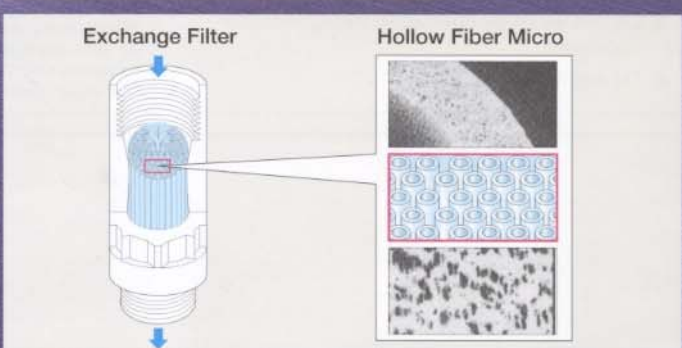
Materials

1 Body	ABS
2 Trigger	Polypropylene
3 Nozzle	Polyamide
4 Plug (JS-02)	Polyamide
5 Hose nipple	Polyamide
6 O-ring	Fluoric Rubber
7 Filter cartridge	Polyacrylonitril
8 Case	Polyurethane
9 Filter Media	Polyurethane
10 Potting	Polyurethane
11 Hose	Polyurethane
12 Plug / 13 Socket	POM / POM · SUS304

Flow Characteristics



Filter Structure



KITZ UNIPORE AIR GUN

Product Coding

● Air Gun Unit

C A G N - 14

C : for Clean Room
None : for General Use

● Exchange Filter

C A G N C - 80 N 1 - 14

C : for Clean Room
None : for General Use

CAGN-14	: Air gun unit for clean room (2 filters / pk)
AGN-14	: Air gun unit for general use (2 filters / pk)
CAGNC-80N1-14	: Clean room filter (2 / pk) for Exchanging
AGNC-80N1-14	: Standard filter (2 / pk) for Exchanging

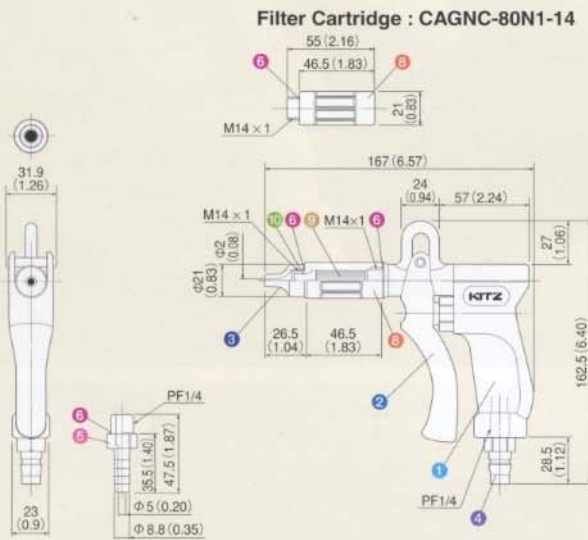
● Optional Parts

HOSE-1	Coil hose for clean room
TS-2NZP	Socket PT 1/4 (Oil free)
TS-3NP	Socket PT 3/8 (Oil free)
TS-4NP	Socket PT 1/2 (Oil free)

Dimensions

unit : mm (inch)

UNIPORE Air Gun : CAGN-14



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

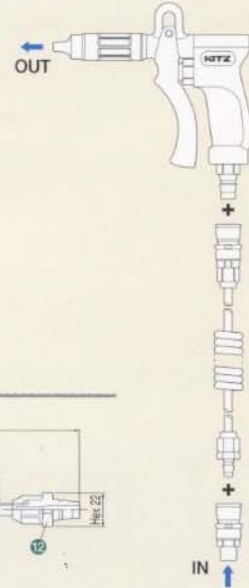
Socket (Option)



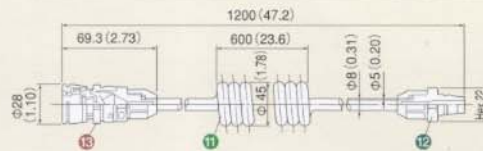
Code	A	L	R (PT)
TS-2NZP	14.5 (0.57)	60.3 (2.37)	R1/4
TS-3NP	14.5 (0.57)	61.8 (2.43)	R3/8
TS-4NP	16.5 (0.65)	63.8 (2.51)	R1/2

Connect Configuration (KITZ Recommend)

The socket has Lock function and a check valve inside.



Coil Hose (Option) : HOSE-1



⚠ CAUTION

1. Apply for air and N₂ only.
2. Do not expose the direct rays of the sun.
3. Do not apply on the out of KITZ recommend condition. (Temperature, pressure and etc.)
4. Do not reassemble.
5. Do not wash by chemicals except neutral detergent.
6. Do not make shock.

⚠ CAUTION

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ISO 9001 certified since 1989

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