

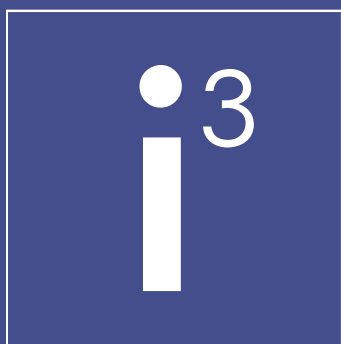


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MICROCLEAN



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This unique cleaning system capitalizes on Cold Jet's patented shaved ice and feeder technologies to deliver a complete precision cleaning solution. It is an ergonomic and intuitive system that utilizes a readily available blast medium, and is fast, effective and proven reliable. Furthermore, unlike any other blast system available today, its unparalleled low air and ice consumption provides for cost-effective operation in an almost noise-free environment.

The dry ice blasting system includes:

- i³MicroClean blast machine
- One length of dry ice blast hose
- One length of air hose
- Customer specified applicator (MCE where none specified)
- Customer specified nozzle (MC35 where none specified)

Recommended Block Sizes:
 North America - 5" x 5" x 10"
 (127 mm x 127 mm x 254 mm)
 or
 Europe - 150 mm x 150 mm x 300 mm
 (6" x 6" x 12")
 (both sizes available upon request)



SPECIFICATIONS

Hopper capacity	approximately 20 lbs (9.1 kg) capacity
Variable feed rate	0.2 to 1.2 lbs/min (0.1 to 0.5 kg/min)
Blast pressure range	up to 125 psi (up to 8.6 bar)
Air supply pressure range	50 to 125 psi (3.5 to 8.6 bar)
Weight.....	125 lbs (57 kg)
Size (L x W x H).....	22" x 16" x 20" (56 cm x 41 cm x 51 cm)
Power.....	100-140 VAC, 1 PH 50/60 Hz, 1.25 amps or 200-240 VAC, 1 PH 50/60 Hz, 0.75 amps
Internal air filter designed to remove water, oil, rust and other articles from the air supply	
12-month warranty (extended warranty packages available)	

Enhanced Blast Applicator

Lightweight, ergonomic design with movable head enabling blasting at various angles. LED lights on applicator face light up dark surfaces being cleaned. Safety switch.

Part #: 2E0413 - MCE Applicator

Standard Blast Applicator

Straightforward, lightweight, ergonomic design for better control of blasting in tight access areas. Safety switch.

Part #: 2E0383 - MCS Applicator



Tube Style Nozzle Handle
Rotates around the nozzle for optimal comfort and control. **Part #: 2E0408**

Variable Low Flow Nozzles

Full-pressure precision blast nozzles.



Air consumption rates indicated are based on standard 100 psi (6.9 bar) blast pressure.

12 CFM (0.3 m³/min)

Yellow color
Blast swath 0.13" (3.2 mm)
6" (15 cm) length
Part #: 13865-126
9" (23 cm) length
Part #: 13865-129

25 CFM (0.7 m³/min)

White color
Blast swath 0.19" (4.7 mm)
6" (15 cm) length
Part #: 13865-256
9" (23 cm) length
Part #: 13865-259

50 CFM (1.5 m³/min)

Blue color
Blast swath 0.31" (7.9 mm)
6" (15 cm) length
Part #: 13865-506
9" (23 cm) length
Part #: 13865-509

Fan Nozzle

Blast swath 0.25" (6 mm)
6" (15 cm) length
Low flow
Part #: 13817-001

Blast swath 0.5" (13 mm)
6" (15 cm) length
High flow
Part #: 13819-001



25 CFM (0.7 m³/min) at 100 psi (6.9 bar)

Blast Swath 0.28" (7.1 mm)
6" (15 cm) length
Part #: 5E0218 (MC28)

Blast Swath 0.35" (8.9 mm)
6" (15 cm) length
Part #: 5E0219 (MC35)

Blast Swath 0.47" (11.9 mm)
6" (15 cm) length
Part #: 5E0220 (MC47)

45° Angled Nozzle

Blast swath 0.25" (6 mm)
1" (2.54 cm) cavity opening
6" (15 cm) length
Part #: 5E0223 (MC25-45)

Recommended for use with 0.38" (0.97 cm) Rotary Union.

Part #: 2N0189 (see following page for additional information)



155° Reverse Flow Nozzle

Blast swath 0.25" (6 mm)
6" (15 cm) length
Low flow
Part #: 13950-001



Hoses



Blast Hose Assembly

- 3/8" (9.5 mm), 12' (3.7 m) proprietary Urebrade blast hose section with Control Cable.
- Part #: 2N0175**



Air Hose

- 1/2" (13 mm) ID, 25' (7.6 m) Section
 - Used to carry pressurized air from air source to blast unit.
 - Includes quick disconnects.
- Part #: 2N0184**

Accessories



Transport Cart

- Allows for easy transporting of blast system.
- Part #: 2Z0004**



Rotary Union

- 0.38" (0.97 cm) JICF
 - Lightweight
 - Hard-coat anodized Aluminum
- Part #: 2N0189**

Safety Accessories



Block Handler

- Allows for easy handling of Dry Ice Block.
- Part #: 70540-001**

Safety Kit

- Meets United States Occupational Safety & Health Association (OSHA) requirements for operator noise protection (with the use of properly rated and worn earplugs).
- Kit includes the following:
 - 100 sets of ear plugs
 - 2 ear protectors
 - Eye protector shield
 - Gloves
 - Block handler

Part #: 2Z0001-1 - Safety Kit with Block handler

Spare Parts

Part #	Description
4G1041	FUSE 50mA
4G0848	FUSE 3A
4G1039	TRANSFORMER
4I0279	SOLENOID COIL
4G1036	RELAY
4I0399	20 MICRON FILTER ELEMENT



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