



# MICROCLEAN 2™



DESIGNED FOR PRECISION  
SHAVED DRY ICE MICROPARTICLE BLASTER



MICROCLEAN 2 PRODUCT BROCHURE

#0637\_03142021



**Cold Jet®**  
*the force of nature*

# THE NEXT GENERATION OF PRECISION DRY ICE BLASTING HAS ARRIVED.

The i3® MicroClean 2™ dry ice blaster builds upon and enhances the time-tested and proven technology of the i3 MicroClean.

## Increase Productivity. Reduce Costs.

Experience significantly enhanced performance, more versatile cleaning capability with a wider application range, and more efficient operation with a significant reduction in consumable consumption.

With the i3 MicroClean 2 blaster, you will gain:

- **More power** compared to previous model which allows for removal of tough contaminants
- **More than 25% performance improvement** which enables you to clean faster with a pulse-free blast stream
- **More than 20% decrease in consumable consumption** which leads to lower operating costs.

*\* The i3 MicroClean 2 unit has a faster removal rate than the i3 MicroClean. This is due to the increased flow path and the improved feed rate consistency. Data is based on internal testing.*



*The i3 MicroClean 2 shaves dry ice into MicroParticles (sugar-sized dry ice particles). Cold Jet's dry ice MicroParticle technology provides a thorough, yet delicate clean for many applications.*





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# ENHANCED BENEFITS

## EASY TO USE



7 in LCD screen with digital controls

Intuitive HMI display – easily view and control  
blasting parameters and machine settings

Programmable and password-protected  
application recipes (blast pressure and  
feed rate)

LED indicator signals dry ice level

Screen lock feature enables complete control  
of blasting operation



# SMART



 Cold Jet **CONNECT™**  
Get Smart. Work Smarter.

Remote monitoring and diagnostics with  
industry-first Cold Jet CONNECT®

Proactive customer service keeps machine up  
and running at all times

Firmware updates and improvements performed  
automatically over-the-air



\* Access Cold Jet CONNECT and your  
machine data from all of your devices



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## ERGONOMIC



Lightweight and compact design leads to easy transportability

Redesigned blast hoses and applicators for flexibility and durability

Convenient storage with your choice of cart (storage cabinet for accessories or integrated cooler for dry ice storage)



\* ThermoCart with insulated cooler for dry ice storage. (optional)



## DURABLE



Full stainless steel body based on a rigid aluminum frame

## QUIET



Requires less air pressure to operate effectively, resulting in a quieter operation

## CUSTOMIZABLE



Don't have access to dry ice blocks? No problem. Our DX model is adapted to accept both dry ice pellets and nuggets.





DRY ICE BLASTING REINVENTED



MICROCLEAN 2™



SMART, IoT-ENABLED  
PRECISION BLASTER

DESIGNED FOR PRECISION  
SHAVED DRY ICE MICROPARTICLE BLASTER

**DIMENSIONS**

Length x Width x Height

**FULL SYSTEM\***

31 in (78 cm) x 25 in (62 cm) x 47 in (120 cm)  
Weight: 190 lb (86 kg)

**MACHINE ONLY**

31 in (78 cm) x 19 in (48 cm) x 21 in (51.5 cm)  
Weight: 133.38 lb (60.5 kg)

**CART ONLY**

25 in (64 cm) x 22 in (56 cm) x 27 in (68 cm)  
Weight: 56.2 lb (25.5 kg)

**POWER REQUIREMENTS**

110-240V AC (50/60 Hz)

**DRY ICE CAPACITY**

Up to 25 lb (11 kg)

**FEEDER SYSTEM**

Shaved dry ice  
use blocks or pellets

**HMI DISPLAY**

7 in (17.8 cm) LCD Color Screen

**FEED RATE**

0-1.5 lb/min (0-0.7 kg/min)

**BLAST PRESSURE RANGE**

20-145 psi (1.4-10 bar)

**COMPRESSED AIR SUPPLY**

50-145 psi (3.4-10 bar)

**NOZZLE AIR CONSUMPTION**

12-50 cfm (0.3-1.4 m<sup>3</sup>/min)  
at 80 psi (5.5 bar)

**BLAST FLOW PATH**

0.5 in (1.3 cm)

\*Including i3 MicroClean 2 and standard cart

Compliant with the EU Machinery Directive (CE)  
and UL Design Standards



COLD JET WORLD HEADQUARTERS  
455 WARDS CORNER ROAD  
LOVELAND OHIO 45140