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)

**Including i³ MicroClean 2 and standard cart*

POWER REQUIREMENTS
110–240V AC (50/60 Hz)

DRY ICE CAPACITY
Up to 25 lb (11 kg)

BLAST MEDIA
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^3/min)
at 80 psi (5.5 bar)

AIR FLOW PATH
0.5 in (1.3 cm)

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

MICROCLEAN 2™

PRECISION

Designed for precise cleaning in applications that require a gentle touch

Safely clean delicate surfaces and complex cavities

EFFICIENT

Increased airflow path enables more effective cleaning and consumption of less consumables

Optimized feed rate based on exact dry ice size

Pneumatic system reduces pressure loss



NEXT GENERATION OF PRECISION CLEANING

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*

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

POWERFUL

Significantly enhanced performance compared to first generation MicroClean

Optimized design leads to consistent and pulse-free blast stream

More versatile performance enables a wider range of applications

ERGONOMIC

Lightweight and compact design leads to easy transportability

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

Redesigned blast hoses for flexibility and durability

DURABLE

Full stainless steel body based on a rigid aluminum frame

QUIET

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

WHAT'S INCLUDED?

+ Precision Kit

PRECISION KIT

- 0.5 in (12.7 mm) PRECISION APPLICATOR
- 0.5 in (12.7 mm) RUBBER BLAST HOSE
- 0.5 in (12.7 mm) AIR SUPPLY HOSE
- CHOICE OF 2 NOZZLES
- MOBILITY CART
  Your choice of standard storage cart OR ThermoCart with a built-in cooler for dry ice storage