

i³ MicroClean Automation

Integration Modules



i³ MicroClean Integration Options

- Interface connector with 24 pin (Harting) for connection to remote system with the following functions: blasting on/off
- Air on/off; Dry ice consumption; emergency on/off
- Electronic dry ice block consumption control signal
- Optical and/or acoustic signal/display
- Lockable key to prevent unauthorized usage
- Blasting hose length options
- 1 to 2 flow dividers including hose quick connection 3/8", 3E1198
- CO₂ detection system - stationary with relay output and display
- Application: Connection to production line/robot



Cold Jet Modular Blasting Cabinet

- Blasting cabinet for the i³ MicroClean
- Safe ESD protection for static charge (static ground mat)
- Automatic control for light and ventilation
- Turntable for 440 lbs (200 kg)
- Spare gloves
- Optional: ventilation with self-cleaning dirt filtration
- Applications: Tool cleaning, deburring, surface preparation for paint, general cleaning
- The modular exhaust ventilation is included in the price of the cabinet (Optional without)



Cold Jet Modular Exhaust Ventilation

- Exhaust ventilation for modular blasting cabinet
- Power: 0,75kw
- Self-cleaning filter with compressed air
- Variable usability
- Applications: Energy efficient ventilation from dirt particles



Cold Jet Modular Air Dehumidification

- Mobile rack/housing on wheels for the i³ MicroClean
- Power: 270 m³ process air/hour
- Applications: Prevents water/dry ice at machine components when operating regularly

i³ MicroClean Standalone

DRY ICE CAPACITY
20 lb (9.1 kg)

FEED RATE
0-1.2 lbs/min (0-0.6 kg/min)

DIMENSIONS
22 x 16 x 21 in (56 x 41 x 53 cm)

WEIGHT
130 lbs (59 kg)

AIR CONSUMPTION
30-50 CFM (0.85 - 1.4 m³/min)
at 80 PSI (5.5 bar) for standard nozzles

BLAST PRESSURE RANGE
up to 140 PSI (up to 9.7 bar)

POWER
Electric

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