SMART HD

Product Catalogue

More power for tougher cleaning. Take on demanding jobs with versatile dry ice blasting and simple, precise control.



Package Includes



Long Aluminium Ø6.5mm Nozzle

ML.SM65

Bring focused dry ice cleaning closer to the job with an extended nozzle.



SMART Applicator

SM.G.200

Put precise dry ice cleaning in your hands with an applicator designed for a comfortable grip.



5m (16ft) Blasting Hose

SM.HD.05

Give your dry ice cleaning room to move with a blasting hose suited to your workspace.

SMART HD



Single Hose for Maximum Efficiency

The ICEsonic SMART HD's single-hose system provides greater efficiency and precision than traditional double-hose machines.



Power When You Need It

Easily control the blasting pressure with a built-in regulator.



Smooth Dry Ice Delivery

The ICEsonic SMART HD features a 10 kg (22 lbs) insulated dry ice hopper designed to maintain optimal dry ice temperature and prevent evaporation.



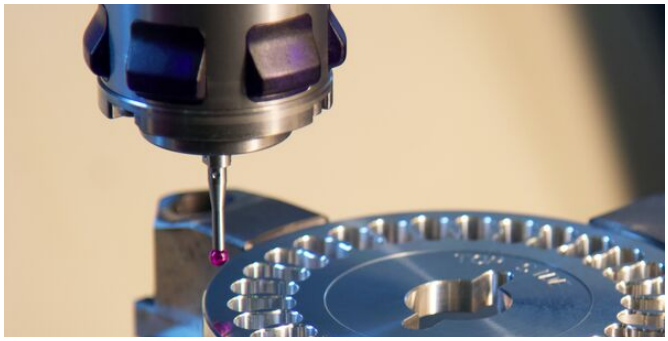
Smart & Simple Control

Take full command with the intuitive Siemens HMI dashboard, featuring easy-to-use controls to adjust dry ice feed rate, switch to air-only mode, and monitor usage statistics.



Cleaner Air

The ICEsonic SMART HD features an advanced built-in particle filter, ensuring clean air for every operation.



Expert Precision

The ICEsonic SMART HD is proudly manufactured in the EU, using locally sourced materials and parts.

SMART HD

Specifications

Type	Single Hose Dry Ice Blaster
Compressed Air Pressure	Up To 12 bar (175 psi)
Optimal Compressed Airflow	2.2 m3/min (78 cfm) or more
Blasting Pressure Regulator	Included
Air Inlet	3/4" Universal Claw Coupling
Feed Rate	Up To 70 kg/h (154 lbs/h)
Hopper Capacity	10 kg (22 lbs)
Touch Screen	Yes
Automation Ready	Yes
Housing/Frame	Stainless Steel
Compressed Air Filter	Included
Wheel Size	100mm (4")
Power Supply	110–120V AC, 220–240V AC, 50/60 Hz
Max Power Consumption	0.4 kW
Weight	50 kg (110 lbs)
Dimensions	370x500x1045mm (15x20x41")
Shipping Weight	60 kg (132 lbs)
Shipping Dimensions	400x600x950mm (16x24x37")

Additional Products

Equipment categories

Mix Media Blasting



SMART HD/IND Dry Ice Plus
Take on stubborn coatings, graffiti and rust by adding abrasive to your dry ice cleaning.

AB SMART

Air Treatment



AT 160
Prepare your compressed air for dry ice cleaning by taking heat and moisture out of the equation.

AT-160

Fragmenting Nozzles



Fine Fragmenter
Turn dry ice pellets into finer particles for a finer cleaning stream.

IS.MSH



Extra Fine Fragmenter
Break dry ice into even finer particles and give your cleaning stream a finer touch.

IS.MSH2

Ø4.5mm Round Nozzles



Short Aluminium Ø4.5mm Nozzle
Make room to work with a compact nozzle for focused dry ice cleaning.

ML.SM45.1



Long Aluminium Ø4.5mm Nozzle
Bring focused dry ice cleaning closer to the job with an extended nozzle.

ML.SM45



Short Polyacetal Ø4.5mm Nozzle
Work in tighter spaces with a dry ice nozzle that helps guard against accidental contact marks.

ML.SM45.3



Long Polyacetal Ø4.5mm Nozzle
Reach further with a dry ice nozzle that helps guard against accidental contact marks.

ML.SM45.2

Ø5.5mm Round Nozzles



Thin Aluminium Ø5.5mm Nozzle
Find your way into tighter spaces with a slim nozzle for focused dry ice cleaning.
ML.SM55.1.16



Short Aluminium Ø5.5mm Nozzle
Make room to work with a compact nozzle for focused dry ice cleaning.
ML.SM55.1



Long Aluminium Ø5.5mm Nozzle
Bring focused dry ice cleaning closer to the job with an extended nozzle.
ML.SM55



Short Polyacetal Ø5.5mm Nozzle
Work in tighter spaces with a dry ice nozzle that helps guard against accidental contact marks.
ML.SM55.3



Long Polyacetal Ø5.5mm Nozzle
Reach further with a dry ice nozzle that helps guard against accidental contact marks.
ML.SM55.2

Ø6.5mm Round Nozzles



Thin Aluminium Ø6.5mm Nozzle
Find your way into tighter spaces with a slim nozzle for focused dry ice cleaning.
ML.SM65.1.16



Short Aluminium Ø6.5mm Nozzle
Make room to work with a compact nozzle for focused dry ice cleaning.
ML.SM65.1



Long Aluminium Ø6.5mm Nozzle
Bring focused dry ice cleaning closer to the job with an extended nozzle.
ML.SM65



Short Polyacetal Ø6.5mm Nozzle
Work in tighter spaces with a dry ice nozzle that helps guard against accidental contact marks.
ML.SM65.3



Long Polyacetal Ø6.5mm Nozzle
Reach further with a dry ice nozzle that helps guard against accidental contact marks.
ML.SM65.2

Ø8mm Round Nozzles



Thin Aluminium Ø8mm Nozzle
Find your way into tighter spaces with a slim nozzle for focused dry ice cleaning.

ML.SM80.1.16



Short Aluminium Ø8mm Nozzle
Make room to work with a compact nozzle for focused dry ice cleaning.

ML.SM80.1



Long Aluminium Ø8mm Nozzle
Bring focused dry ice cleaning closer to the job with an extended nozzle.

ML.SM80



Short Polyacetal Ø8mm Nozzle
Work in tighter spaces with a dry ice nozzle that helps guard against accidental contact marks.

ML.SM80.3



Long Polyacetal Ø8mm Nozzle
Reach further with a dry ice nozzle that helps guard against accidental contact marks.

ML.SM80.2

Flat Nozzles



Flat 50mm Swath Nozzle
Cover more of the surface with a broad dry ice cleaning pattern.

ML.SHP.02



Flat 25mm Swath Nozzle
Cover more of the surface with a broad dry ice cleaning pattern.

ML.SHP.01



Flat Short 25mm Swath Nozzle
Bring broad dry ice cleaning coverage into tighter working spaces with a compact flat nozzle.

ML.SHP.25-125

Angled Nozzles



Angled 45° 25mm Swath Nozzle
Get around awkward access and bring dry ice cleaning to hard-to-reach surfaces.

ML.SHP.01.45



Angled 90° 25mm Swath Nozzle
Get around awkward access and bring dry ice cleaning to hard-to-reach surfaces.

ML.SHP.01.90

Nozzle Extensions



Flexible Extension 450mm
Find the right approach to awkward spaces with a flexible extension for your dry ice nozzle.
ML.SM.040.F



Straight 350mm Nozzle Extension
Go beyond the usual reach of your dry ice applicator and bring the nozzle closer to the job.
ML.SM.035



Straight 500mm Nozzle Extension
Go beyond the usual reach of your dry ice applicator and bring the nozzle closer to the job.
ML.SM.055



Straight 750mm Nozzle Extension
Go beyond the usual reach of your dry ice applicator and bring the nozzle closer to the job.
ML.SM.075



Thin Straight 500mm Nozzle Extension
Reach past tight clearances with a slim extension for your dry ice nozzle.
ML.SM.055.16



Angled 45° 350mm Nozzle Extension
Reach around obstacles and bring dry ice cleaning into difficult corners.
ML.SM.035.45



Angled 90° 350mm Nozzle Extension
Reach around obstacles and bring dry ice cleaning into difficult corners.
ML.SM.035.90

Special Nozzles



Round 360° Pipe Cleaning 25mm Nozzle
Bring dry ice cleaning inside pipes with a nozzle designed to work around the interior.
ML.SM.P360



Chain Cleaning Nozzle
Bring dry ice cleaning to your chains with a nozzle shaped for the job.
ML.CCN.01



Narrow Angled 45° Nozzle
Reach into tight spots where a standard dry ice nozzle cannot go.
ML.SM03.45

Applicators



SMART Applicator
Put precise dry ice cleaning in your hands with an applicator designed for a comfortable grip.
SM.G.200



SMART HD Applicator with "Air Only" switch
Switch from dry ice cleaning to an air-only blast without leaving the applicator.
SM.G.200A

Lights



LED Light
See the cleaning point more clearly with lighting right where you work.

ION.35.1

Blasting Hoses



5m (16ft) Blasting Hose
Give your dry ice cleaning room to move with a blasting hose suited to your workspace.

SM.HD.05



10m (33ft) Blasting Hose
Give your dry ice cleaning room to move with a blasting hose suited to your workspace.

SM.HD.10

Cases



Small Protective Case For Nozzles (Excluding Nozzles)
Keep your dry ice nozzles organised and protected, from the workshop to the next job.

0200105



Medium Protective Case For Nozzles (Excluding Nozzles)
Keep your dry ice nozzles organised and protected, from the workshop to the next job.

0200100



Large Protective Case For Nozzles (Excluding Nozzles)
Keep your dry ice nozzles organised and protected, from the workshop to the next job.

0200106

Dry Ice Storage



DrIcy 30
Keep more dry ice ready for the next job with insulated storage for handling and transport.

DrIcy30



DrIcy 60
Keep more dry ice ready for the next job with insulated storage for handling and transport.

DrIcy60



DrIcy 150
Keep more dry ice ready for the next job with insulated storage for handling and transport.

DrIcy150



DrIcy 360
Keep more dry ice ready for the next job with insulated storage for handling and transport.

DrIcy360



DrIcy 540
Keep more dry ice ready for the next job with insulated storage for handling and transport.

DrIcy540

Other Accessories



Electric Foot Switch
Keep your hands on the task and control your equipment with a foot switch. SM.15