



IB 7/40 Adv

The Ice Blaster IB 7/40 Advanced has a jet gun with integrated remote control and also guarantees the best results with dry ice cleaning at low air pressures.



1 Clear display

- Easy to read off the values set; ease of operation thanks to large buttons and electronic control system.

2 Automatic residual ice discharge

- The ability to empty the residual ice tank at the touch of a button prevents the device from icing up once work is complete.

3 Integrated oil and water separator

- No icing up of the device.

4 Integrated ground strap coil

- Easy earthing of the object being blasted.
- Protection from arcing from the user to the object.



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- Operation by the trigger gun
- Oil and water separator
- For in-house compressed air networks

Technical data

Order no.	1.574-002.0	
EAN code	4039784294035	
Connection load	kW	0.6
Compressed air connection	Claw coupling (DIN 3238)	
Casing / frame	Stainless steel (1.4301)	
Air pressure	bar / MPa	2 - 10 / 0.2 - 1
Air quality	Dry & oil-free	
Air flow	m³/min	0.5 - 3.5
Sound pressure level	dB(A)	99
Dry ice capacity	kg	15
Dry ice pellets (diameter)	mm	3
Dry ice consumption	kg/h	15 - 50
Weight without accessories	kg	93
Dimensions (L x W x H)	mm	768 × 510 × 1096

Equipment

Grease for nozzle threads	■	Tool bag	■
Flat jet nozzle	■		
Open-end wrench (for changing nozzles)	piece(s)	2	
Spray hose with electrical control cable and quick coupling	■		
Jet gun (ergonomic and safe)	■		
Ice quantity set directly on the jet gun	■		
Air pressure set directly on the jet gun	■		
"Air only" or "Air and ice" switch on the trigger gun	■		
Electronic control system	■		
Includes ground strap coil	■		
Oil and water separator	■		

■ Included in the scope of supply.

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		Order no.	Quantity					Price	Description	
Blast gun and blast hose										
Spray hose, 1/2"	1	4.013-042.0							5 m spray hose with electric control cable and quick-action couplings, non-marking outer layer, silicone-free (1/2" diameter).	■
Jet gun, XS, Adv	2	4.775-785.0							Ergonomic & lightweight blasting gun with safety device against accidental use. Because of its compact design the blasting gun is very lightweight and handy. The advanced blasting gun has an integrated remote control to adjust the blasting pressure and the dry ice output directly on the blasting gun. Furthermore there is a button to choose between "air & ice" or "only air".	■
Jet gun, XS, classic	3	4.775-794.0							Ergonomic & lightweight blasting gun with safety device against accidental use. Because of its compact design the blasting gun is very lightweight and handy.	□
Low pressure - blasting nozzles										
Flat jet nozzle, XS, long	4	4.574-038.0							Highest efficiency and a low noise level are the result of our optimized nozzle design. Great cleaning results and high area performance.	■
Flat jet nozzle, XS, short	5	4.574-040.0							Highest efficiency and a low noise level are the result of our optimized nozzle design. Very short nozzle to blast in narrow areas.	□
Round spray nozzle, XS, short	6	4.574-039.0							Optimised nozzle geometry for maximum efficiency and minimum noise. Short, compact nozzle. Especially suited for use in small spaces.	□
Round spray nozzle, XS, long	7	4.574-037.0							Optimised nozzle geometry for maximum efficiency and minimum noise. High pressure for use against stubborn dirt.	□
Angled nozzle, XS, flat	8	4.574-042.0							Angled nozzle to direct the jet through 90°. Perfect for cleaning injection moulds.	□
Angled nozzle, XS, round	9	4.574-041.0								□
Mini angled nozzle, 60°, XS	10	4.574-044.0							Mini angled nozzle for use in small spaces. Directs the jet through 60° laterally. Protrudes 57 mm laterally, length: 260 mm. The set consists of four parts: 1 x union nut 1 x extension piece, 100 mm (5.321-971.0) 1 x elbow attachment, 60° (5.321-972.0) 1 x nozzle tip (5.321-977.0) Supports as many extension pieces as needed. The elbow attachment and nozzle piece can be ordered separately.	□
Mini angled nozzle, 90°, XS	11	4.574-043.0							Mini angled nozzle for use in small spaces. Directs the jet through 90° laterally. Protrudes 63 mm laterally, length: 240 mm. The set consists of four parts: 1 x union nut 1 x extension piece, 100 mm (5.321-971.0) 1 x elbow attachment, 90° (5.321-973.0) 1 x nozzle tip (5.321-977.0) Supports as many extension pieces as needed. The elbow attachment and nozzle piece can be ordered separately.	□
Cavity nozzle, XS	12	4.574-045.0							Diameter: 22 mm. Any number of extension pieces can be attached.	□
Extension, 100 mm	13	5.321-971.0							100 mm Extension for Mini angled nozzles (60°, 90°, 135°)	□
Angle, 90°	14	5.321-973.0							90° angle for all Mini angled nozzles.	□
Angle, 60°	15	5.321-972.0							60° angle for all Mini angled nozzles.	□
Replacement nozzle	16	5.321-977.0							Nozzle piece for all Mini angled nozzles.	□
Straight adapter for angled nozzle	17	5.321-992.0							Can be attached to all miniature angled nozzles. Converts a miniature angled nozzle to a straight nozzle.	□
Nozzle accessories										
Open-end wrench (size 27 mm)	18	7.815-009.0							Open-end wrench for mounting nozzles (2 pcs required)	■

■ Included in the scope of supply. □ Available accessories.



		Order no.	Quantity			Price	Description	
Grease for nozzle thread, silicone-free	19	6.288-088.0					The threads of the blasting nozzles must be regularly treated with this silicone-free grease.	■
Scrambler	20	4.574-026.0					The innovative scrambler, patented by Kärcher, is attached between the spray gun and spray nozzle and breaks the 3 mm dry ice pellets into a fine spray of tiny particles. This makes cleaning delicate surfaces possible. The intensity of the scrambler's effect on the pellets can be set to three different levels.	□
Double scrambler	21	4.574-052.0					Additional scrambler for producing even finer jet particles alongside the normal scrambler attachment. The double scrambler can be attached to the normal scrambler, saving space.	□
Mounting kits and other accessories								
Earth wire rewinder	22	2.641-741.0					Automatic electrostatic discharge wire with approximately 6 m wire and powerful clamp. The earth wire effectively prevents electrostatic charge of the cleaning object during ice blasting and with that sparks between object and nozzle. The earthing of the cleaning object is done over the grounding conductor of the Ice Blaster.	■
Shovel	23	4.321-198.0					Used for filling the machine with dry ice pellets	□
Protective foil for IB spray hose, 100 m	24	6.667-214.0					100m-role of tube foil. To protect the blasting hose against dirt as well as against damage.	□
Nozzle accessories								
Nozzle extension, XS, 300 mm	25	4.574-046.0					300 mm nozzle extension	□
Handle, IB 7/40	26	4.321-248.0					Handle to mount on the nozzle extension. For easy two handed working.	□
Nozzle light, IB 7/40	27	2.815-011.0					Illuminator can be screwed onto the jet gun to light up the work area.	□
Nozzle accessories								
Nozzle extension, XXL, 170 mm	28	4.574-027.0					170 mm nozzle extension	□
Nozzle extension, XXL, 500 mm	29	4.574-060.0					500 mm nozzle extension.	□
Blasting hose, compressed air hose								
Hose trolley	30	4.574-057.0					Hose reel including all adaptors. Handy device assists you in dry ice spraying, and is suitable for 80 m compressed air hoses with a 1" diameter.	□
Compressed air hose, 1", 5 m	31	6.574-279.0					Lightweight, stable compressed air hose (1", 5 m) for use with the Ice Blaster. Ideal for connecting the hose reel to the compressor.	□
Compressed air hose, 1", 20 m	32	6.574-280.0					Lightweight, stable compressed air hose (1", 20 m) for use with the Ice Blaster. The hose can be neatly wound back onto the Kärcher hose reel after use.	□
Compressed air hose, 1", 60 m	33	6.574-281.0					Lightweight, stable compressed air hose (1", 60 m) for use with the Ice Blaster. The hose can be neatly wound back onto the Kärcher hose reel after use.	□
Compressed air hose, 10 m	34	6.390-284.0					Folding compressed air hose with inner diameter 3/4" and 10 m length.	□
Compressed air hose, 20 m	35	6.390-285.0					20 m long, folding compressed air hose with inner diameter 3/4".	□
Y adapter, air supply	36	2.641-880.0					Y-adaptor for connecting the air hose to two 1/4" quick coupling connections.	□
Protective equipment								
Safety glasses	37	6.321-208.0					Safety goggles.	□

■ Included in the scope of supply. □ Available accessories.

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		Order no.	Quantity				Price	Description	
Protective gloves	38	6.321-210.0						Cold protection glove, size 10 with slip-resistant profile (Category 3 according to EN 511, Level 12X EN 388, Level 2121).	<input type="checkbox"/>
Hearing protection	39	6.321-207.0						Effective hearing protection with an average insulation rating of 35 dB(A) according to SNR (Single Number Rating).	<input type="checkbox"/>

■ Included in the scope of supply. □ Available accessories.