

ICETECH

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DRY ICE BLAST EQUIPMENT



IceBlast KG20



IceBlast KG6



IceBlast KG6 Basic

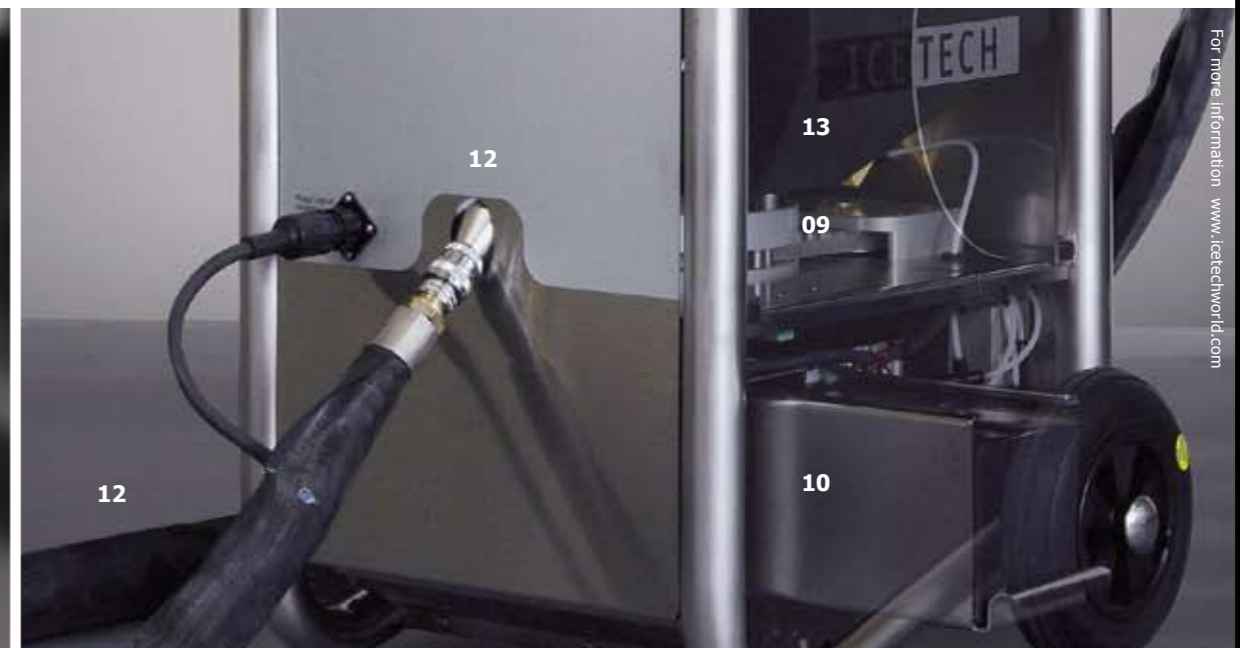


ICEBLAST BATTERY SERIES

Dry Ice Blasting



01 : 02 : 03 : 04 : 05 : 07



09 : 10 : 12 : 13

The battery models are ideal for end users that need the equipment for certain repetitive and easy cleaning tasks which neither require high-pressure levels nor long continuous periods of operation.

The jobs can be carried out satisfactorily using the compressors that are normally available at small factories, workshops, garages, etc. provided that the air is sufficiently dry and clean.

Examples of ideal applications for the IceBlast battery models are:

- :: Degreasing of tools, moulds, etc.
- :: Cleaning of switchboards, printed circuits, etc.
- :: Cleaning of car engines (injection valves on cylinder heads, especially on diesel driven motors)
- :: General maintenance at workshops and garages
- :: General maintenance in food industries



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ICEBLAST BATTERY SERIES

For Dry Ice Blasting

Dry ice blasting is a revolutionary blasting method that uses dry ice pellets with a diameter of 3 mm (rice-sized) as the blasting media. The pellets consist of solid CO₂ at a temperature of -79°C/-110°F. The process is very environmentally friendly and provides a fast and effective alternative to traditional methods of cleaning industrial production equipment.

- 01: User-Friendly Control Display**
The control panel includes adjustment, and display of the dry ice consumption as well as of the blasting pressure.
- 02: Blasting Pressure Display**
- 03: Adjustment of Blasting Pressure**
- 04: Emergency Stop**
Cuts the power supply and all machine operations.

05: Digital Control Display
User-friendly control display, for adjusting the pellet consumption and the compressed air pressure with error-log indication (only KG20, for KG6 please see 08:).

06: Battery Indicator
The battery indicator displays the battery level currently, ensuring easy check-up of battery status during operation.

07: Safety Instructions
Safety instructions with symbolic and textual explanations give the operator an instant and comprehensive overview of the safety precautions.

08: Pellet Consumption / Air Pressure
Potentiometer for adjusting pellet consumption. Manometer showing compressed air pressure (only for KG20 and KG6).

09: Self-Adjusting Dispensing System
One of the reasons for the very high efficiency of the machine is the patented self-adjusting dispensing system that requires a minimum of maintenance.

10: Handy Interchangeable Battery

11: Light Gun
The KG20 is prepared for Light Gun. It is ergonomically designed and weighs only 700 g / 1.54 lbs.

- Light
- Safety switch
- Two-step trigger
 - Blasting with dry ice AND air
 - Or blasting with AIR ONLY

The blasting guns are built up of modules and can be adapted to suit any task.

12: Blasting Hose
The blasting hose is made of a supple fibre-reinforced silicone tube with a protective sleeve. Quick couplings allow swift connection to the machine.

13: Pellet Tank
The pellet tank made of acid-resistant stainless steel and fully insulated with closed-cell polyethylene foam is suspended in rubber fittings allowing it to vibrate freely.

14: Special Nozzles and Handles
A broad range of accessories can be supplied for the blasting gun, ensuring maximum efficiency. Easy to operate even with gloved hand.



08



09



10



11



14



TECHNICAL DATA

KG20

Dim. mm/inch
 Length: 480 / 18.8
 Width: 520 / 20.4
 Height:
 incl handle
 1030 / 40.5
 Height:
 w/ handle folded down
 850 / 33.4

Weight
 kg 58
 lbs: 127.8

Dry Ice Capacity
 kg: 20
 lbs: 44

Dry Ice Consumption
 kg/h: 16 - 55
 lbs/h: 36 - 122
 infinitely adjustable

Supply Pressure
 bar: min. 5 - max. 10
 psi: min. 72 - max. 145

Blasting Pressure
 bar: min. 2 - max. 10
 psi: min. 29 - max. 145

Prepared for Light Gun

Air Consumption
 m³: 0.7 - 5
 cfm: 25 - 175
 depending on nozzle combination

Compressed Air Connection
 3/4" claw coupling
 The compressed air must be kept clean and free of oil, foreign bodies and water

Power Consumption
 110/230 V
 AC 50-60 Hz
 24V handy interchangeable battery, and battery charger

Single Hose System

Noise
 Noise level 60-120 dB(A)
 depending on blasting pressure, nozzle combination and material surface

User-Friendly Control display w/ error-log indication

KG6

Dim. mm/inch
 Length: 480 / 18.8
 Width: 520 / 20.4
 Height:
 incl handle
 930 / 36.6
 Height:
 w/ handle folded down
 650 / 25.6

Weight
 kg: 50
 lbs: 110

Dry Ice Capacity
 kg: 6
 lbs: 13

Dry Ice Consumption
 kg/h: 15 - 40
 lbs/h: 33 - 88
 infinitely adjustable

Supply Pressure
 bar: min. 5 - max. 10
 psi: min. 72 - max. 145

Blasting Pressure
 bar: min. 2 - max. 10
 psi: min. 29 - max. 145

Not Prepared for Light Gun

Air Consumption
 m³: 0.7 - 5
 cfm: 25 - 175
 depending on nozzle combination

Compressed Air Connection
 3/4" claw coupling
 The compressed air must be kept clean and free of oil, foreign bodies and water

Power Consumption
 110/230 V
 AC 50-60 Hz
 24V handy interchangeable battery, and battery charger

Single Hose System

Noise
 Noise level 60-120 dB(A)
 depending on blasting pressure, nozzle combination and material surface

User-Friendly Control display

KG6 Basic

Dim. mm/inch
 Length: 480 / 18.8
 Width: 520 / 20.4
 Height:
 incl handle
 930 / 36.6
 Height:
 w/ handle folded down
 650 / 25.6

Weight
 kg: 50
 lbs: 110

Dry Ice Capacity
 kg: 6
 lbs: 13

Dry Ice Consumption
 kg/h: 20 or 40
 lbs/h: 44 or 88
 Fixed consumption rate
 Predefined by customer

Supply Pressure
 bar: min. 5 - max. 10
 psi: min. 72 - max. 145

Blasting Pressure
 bar: 0 - 10
 psi: 0 - 145 (non-adjustable)

Not Prepared for Light Gun

Air Consumption
 m³: 0.7 - 5
 cfm: 25 - 175
 depending on nozzle combination

Compressed Air Connection
 3/4" claw coupling
 The compressed air must be kept clean and free of oil, foreign bodies and water

Power Consumption
 110/230 V
 AC 50-60 Hz
 24V handy interchangeable battery, and battery charger

Single Hose System

Noise
 Noise level 60-120 dB(A)
 depending on blasting pressure, nozzle combination and material surface

User-Friendly Control display

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