

**ICETECH**

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DRY ICE BLAST EQUIPMENT



IceBlast KG20



IceBlast KG6



IceBlast KG6 Basic

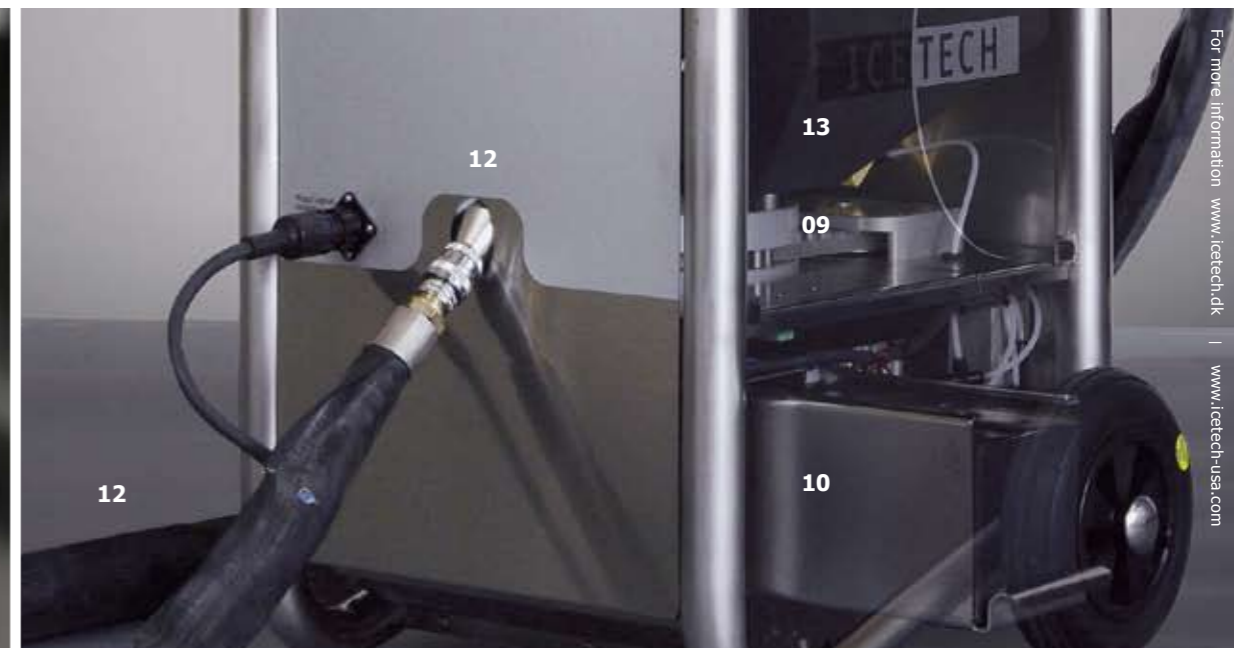


# **ICEBLAST BATTERY SERIES**

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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 The electrical components are listed in the UL certification system.

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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 CO<sub>2</sub> 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 1100 g / 2.425 lbs. Standard Ice Gun: 900 g / 1.322 lbs. It can be adapted to suit any task due to the modular design of the gun.

**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



11



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## 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**  
 m<sup>3</sup>: 1 - 5  
 cfm: 35 - 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**  
 m<sup>3</sup>: 1 - 5  
 cfm: 35 - 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

**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**  
 m<sup>3</sup>: 1 - 5  
 cfm: 35 - 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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