

PORTABLE

BETEX iDuctor 1- handheld induction heater



The ultimate tool for flameless heating

The BETEX iDuctor is a new professional type of induction hand tool. All sorts of metal parts, such as drive components, bearing housings, bolts, nuts, pipes and small surfaces can be heated locally. Thanks to the precise heating the surroundings retain a normal temperature. Stuck parts that are heated will expand and loosen.

This is an ideal solution for stuck nuts and bolts, where often a conventional blow torch or grinder are used. Using an open fire entails some form of risk and may cause pollution. A grinder can spark and cause damage to the area surrounding the part. All in all, workplaces become much safer, cleaner and faster with the iDuctor 1!

As standard the BETEX iDuctor comes in a handy carrying case, a 2-meter long flexible 'wrappable' inductor and a set of heat-resistant gloves (150°C).

Advantages

- Ergonomic design
- Time savings
- Cost savings
- Convenient
- Can be operated with one hand
- No open fire
- Safe to use
- Versatile
- For hard to reach locations
- Maintenance free.

Optional

- Set of 9 inductors, consisting of 8 induction spirals in sizes min/max ID: 18-52 mm (bolt sizes M8- M30) and 1 U-inductor, ID 160 mm; all easy to exchange
- Flexible inductor, 1.1 mtr
- iD-pad for heating flat surfaces to remove coating layers, decals
- Heat resistant gloves up to 300°C

Spirals and flexible inductors




iD-pad

Flexible inductor for heating different kinds of parts



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TECHNICAL DETAILS - iDuctor 1, handheld

	
Type BETEX	iDuctor 1
Voltage/Amp/Hz	230V/6A, 50/60Hz
Power	1200W
Thermal protection	yes
Error code	yes
Cooling fan	yes
Microprocessor controlled, automatic power control in case of overload or overheating.	yes
LED lighting	yes



Inductors						
Item	Article number	Conductor thickness mm	Internal diameter mm	Winding mm	Length mm	Temperature insulation
Inductor 1.1 mtr	231202	3.5	-	-	1100	650°C
Inductor 2.0 mtr	231203	3.5	-	-	2000	650°C
ID-pad	231205	3.5	-	-	-	250°C
Inductor Set 9 pcs.	231204	3.5	*	*	*	250°C
Spareparts * Set 9 pcs.						
M30	-	3.5	52	3.5	240	250°C
M24	-	3.5	47	3.5	240	250°C
M20	-	3.5	40	3.5	200	250°C
M16	-	3.5	32	3.5	200	250°C
M12	-	3.5	26	3.5	200	250°C
M10	-	3.5	23	3.5	250	250°C
M10	-	3.5	23	3.5	150	250°C
M08	-	3.5	18	3.5	150	250°C
Ucoil	-	3.5	160	0.5	600	250°C

