

Induction heaters

BETEX iDuctor 1 & 2 – hand tools



Supplied with case

Both devices are supplied in a handy plastic case, incl. a 2.0-metre flexible inductor, a 2.5-metre power cord, heat-resistant gloves (250°C) and an instruction manual.

BETEX iDuctor 1 & 2

The BETEX iDuctor is a small-sized professional hand tool for medium-frequency heating technology. This means it is a safe and clean method, free of open flames, that is perfect for use in workshops and on location.

BETEX iDuctors are the ultimate precision heating tool to loosen stuck parts (nuts, bolts, bearings). All sorts of metal parts, such as transmission parts, bearing housings, bolts, nuts, pipes and small surfaces can be heated locally. Thanks to the precise heating, the surroundings retain a normal temperature. As a result, stuck parts will expand and loosen, rust and sealants dissolve. The choice in inductors makes it a multipurpose tool which can be used for mounting, dismounting or preheating. Even for removal of decals, coating layers or paint residue from steel.

There are two types of iDuctor:

- The iDuctor 1 has a capacity of 1200 W.
- The more powerful iDuctor 2, with outputs of 2000 W and 2300 W, is more suitable for larger and heavier parts.



Read more about iDuctor accessories on page 10.

Advantages

- ✓ Heats extremely fast
- ✓ Additional inductors available
- ✓ Ergonomic design
- ✓ Time and Cost saving
- ✓ Can be operated with one hand
- ✓ No open flames
- ✓ Safe to use
- ✓ Multipurpose
- ✓ Suitable for difficult to access locations
- ✓ Maintenance free

Type	iDuctor 1	iDuctor 1	iDuctor 2	iDuctor 2	iDuctor 2	iDuctor 2	iDuctor 2
Certification	CE	UKCA	CE	UKCA	c(UL)us	CE	UKCA
Art. no.	231101	231121	231302	231322	231303	231301	231321
Power	1200W	1200W	2000W	2000W	2000W	2300W	2300W
Voltage/Amp	230V / 6A	230V / 6A	120V / 15A	120V / 15A	120V / 15A	230V / 10A	230V / 10A
Frequency	50/60Hz	50/60Hz	50/60Hz	50/60Hz	50/60Hz	50/60Hz	50/60Hz
Frequency range	30-65kHz	30-65kHz	30-65kHz	30-65kHz	30-65kHz	30-65kHz	30-65kHz
Thermal protection	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Error message	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Cooling fan	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Microprocessor controlled, automatic power control in case of overload or overheating	Yes	Yes	Yes	Yes	Yes	Yes	Yes
LED lighting	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Weight kg	1,4	1,4	1,4	1,4	1,4	1,4	1,4

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BETEX iDuctor accessories

Flexible inductors and accessories

Flexible inductors can be placed in or around a workpiece. Therefore, they are ideal for a large variety of parts.

1. Flexible inductor
2. ID-pad for local surface heating for removing decals, coating layers, paint residue etc. from steel.



Type	Art. no.	Wire thickness mm	Length mm	Temp. isolation °C (°F)
Flexible Inductor 1.1 mtr	231202	3.5	1100	650 (1202)
Flexible Inductor 2.0 mtr	231203	3.5	2000	650 (1202)
Flexible Inductor 2.5 mtr	231217	3.5	2500	650 (1202)
Flexible Inductor 3.0 mtr	231218	3.5	3000	650 (1202)
Flexible Inductor 3.5 mtr	231219	3.5	3500	650 (1202)
ID-pad	231205	3.5	-	150 (302)
Heat protective gloves (up to 250°C)	279998	-	-	250 (482)
Heat protective gloves (up to 300°C)	279992	-	-	300 (572)

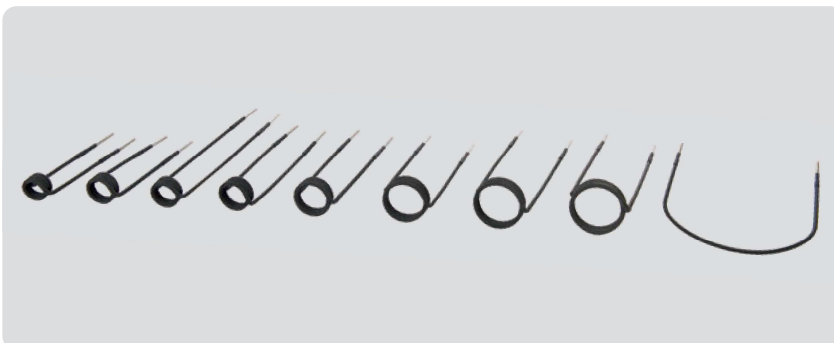
Flexible inductors with a length of more than 2 metres are mainly used for larger and heavier components that require correspondingly higher power. We therefore recommend combining it with the iDuctor 2 variants with an output of 2000 W or 2300 W.



iDuctor 1 set

Set of nine inductors consisting of different bolt sizes and a flexible U-inductor for the iDuctor 1 variants.

Art. no: 231204

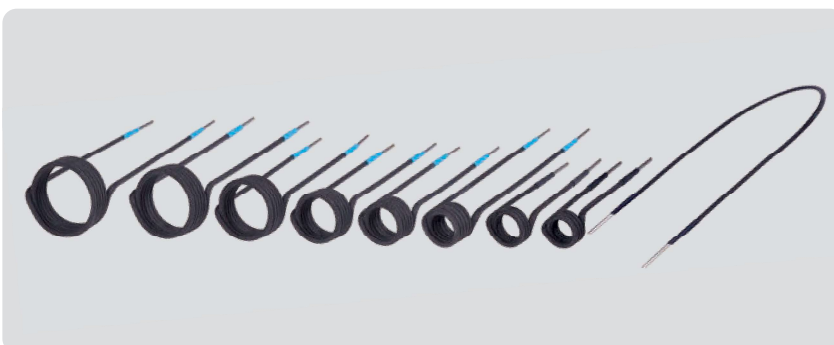


Set of 9 pcs.	Wire thickness mm	Internal diameter mm	Bolt size metric (imperial)	Windings	Length mm	Temp. isolation °C (°F)
52M30-240	3.5	52	M30 (1 1/4")	2,5	240	325 (617)
47M24-240	3.5	47	M24 (1")	2,5	240	325 (617)
40M20-200	3.5	40	M20 (3/4")	3,5	200	325 (617)
32M16-200	3.5	32	M16 (9/16")	3,5	200	325 (617)
26M12-200	3.5	26	M12 (7/16")	3,5	200	325 (617)
23M10-250	3.5	23	M10 (7/16")	3,5	250	325 (617)
23M10-150	3.5	23	M10 (7/16")	3,5	150	325 (617)
18M08-150	3.5	18	M8 (5/16")	3,5	150	325 (617)
U inductor 160-600	3.5	-	-	0,5	600	325 (617)

iDuctor 2 set

Set of nine inductors consisting of different bolt sizes and a flexible U-inductor for the iDuctor 2 variants.

Art. no: 231304



Set of 9 pcs.	Wire thickness mm	Internal diameter mm	Bolt size metric (imperial)	Windings	Length mm	Temp. isolation °C (°F)
52M30-240P+	3.5	52	M30 (1 1/4")	5,5	240	325 (617)
47M24-240P+	3.5	47	M24 (1")	5,5	240	325 (617)
40M20-200P+	3.5	40	M20 (3/4")	5,5	200	325 (617)
32M16-200P+	3.5	32	M16 (9/16")	5,5	200	325 (617)
26M12-200P+	3.5	26	M12 (7/16")	5,5	200	325 (617)
23M10-250P+	3.5	23	M10 (7/16")	5,5	250	325 (617)
23M10-150	3.5	23	M10 (7/16")	3,5	150	325 (617)
18M08-150	3.5	18	M8 (5/16")	3,5	150	325 (617)
U inductor 160-600	3.5	-	-	0,5	600	325 (617)