



We pioneer motion

Compact Handheld Induction Heaters:

Schaeffler iDuctor[®] 1

Schaeffler iDuctor[®] 2

The Schaeffler iDuctor is a professional-quality handheld tool for flameless heating of parts and workpieces using medium-frequency technology. Perfect for use in workshops and on job sites, iDuctor eliminates the hazards of open flames to make sure you get the job done right – safely and efficiently.

The ultimate precision tool for loosening stuck parts such as nuts, bolts and bearings, the Schaeffler iDuctor lets you quickly and safely heat all types of metal parts – even pipes and small metal surfaces – right on the spot! Thanks to iDuctor's precise heating capabilities, the surrounding area retains its normal temperature while the stuck part expands and loosens as rust and sealants dissolve. A true multipurpose tool, the Schaeffler iDuctor can be used for mounting, dismantling or preheating all types of components. Works great for removing decals, coating layers, or paint residue from steel, too!

Compact Handheld Induction Heaters: Schaeffler iDuctor 1 & 2

The Schaeffler iDuctor lineup includes:

- **The iDuctor 1:** Compact versatility with 1200W of output power.
- **The iDuctor 2:** Even more output power (2000W or 2300W) for larger and heavier parts.

Supplied in a sturdy PE case, both iDuctor versions come complete with a 2-meter flexible inductor, a 2.5-meter mains cable, heat-resistant gloves (up to 250°C) and a manual.



Model	iDuctor 1	iDuctor 2	iDuctor 2
Material number	300229917-0000-01 MF-IDUCTOR-1.2KW-230V	300230290-0000-01 MF-IDUCTOR-2.0KW-120V-US	300276893-0000-01 MF-IDUCTOR-2.3KW-230V
Certification	CE	c(UL)us	CE
Item number	231101	231303	231301
Power output	1200W	2000W	2300W
Voltage/Amps	230V / 6A	120V / 15A	230V / 10A
Frequency	50/60Hz	50/60Hz	50/60Hz
Frequency range	30-65kHz	30-65kHz	30-65kHz
Thermal protection	Yes	Yes	Yes
Error message	Yes	Yes	Yes
Cooling fan	Yes	Yes	Yes
Microprocessor-controlled, automatic power control in case of overload/overheating	Yes	Yes	Yes
LED lighting	Yes	Yes	Yes
Weight (kg)	1.4	1.4	1.4



Compact Handheld Induction Heaters: Schaeffler iDuctor accessories

Flexible inductors and accessories

- Flexible inductors can be placed in or around the workpiece, which makes them ideal for a broad range of parts.
- ID-pads are used for local surface heating, which makes them perfect for removing decals, coating layers, paint residue, etc., from steel.



Flexible inductor



ID-pad for local surface heating

Item	Material number	Item no.	Wire thickness (mm)	Length (mm)	Temp. isolation °C (°F)
Flexible Inductor 1.1 m	300277180-0000-01 MF-INDUCTOR-2.3KW-1.1M-D3.5	231202	3.5	1100	650 (1202)
Flexible Inductor 2.0 m	300281161-0000-01 MF-INDUCTOR-2.3KW-2M-D3.5	231203	3.5	2000	650 (1202)
Flexible Inductor 2.5 m	300277164-0000-01 MF-INDUCTOR-2.3KW-2.5M-D3.5	231217	3.5	2500	650 (1202)
Flexible Inductor 3.0 m	300276508-0000-01 MF-INDUCTOR-2.3KW-3M-D3.5	231218	3.5	3000	650 (1202)
Flexible Inductor 3.5 m	300276494-0000-01 MF-INDUCTOR-2.3KW-3.5M-D3.5	231219	3.5	3500	650 (1202)
ID-pad	300276486-0000-01 M-INDUCTOR-2.3KW-PAD-D3.5	231205	3.5	-	150 (302)

Flexible inductors with a length of more than 2 meters are mainly used for larger and heavier components that require correspondingly higher power. We therefore recommend combining these with the iDuctor 2 models, due to their higher capacity (2000W or 2300W).



Compact Handheld Induction Heaters: Schaeffler iDuctor accessories

iDuctor 1 Set

Set of 9 inductors consisting of various bolt sizes, plus a flexible U-inductor – designed for the iDuctor 1.

Item No.: 300277199-0000-01



Set of 9 pcs.	Wire thickness (mm)	Internal dia. (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 9 inductors consisting of various bolt sizes, plus a flexible U-inductor – designed for the iDuctor 2 variants.

Item No.: 300277199-0000-01



Set of 9 pcs.	Wire thickness (mm)	Internal dia. (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)

