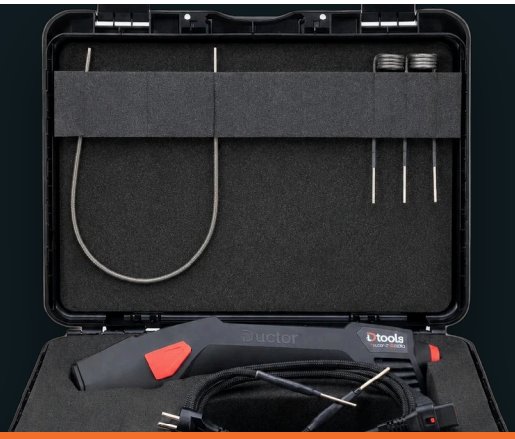
IDUCTOR / HANDHELD INDUCTION HEATER

W2000

2000 W · 230 VAC OR 120 VAC · FOR HEAVIER DAILY WORKSHOP WORK

IDU-W2000
Basic Kit IDU-W2000-BASIC-230V · -120V
Professional Kit IDU-W2000-PRO-230V · -120V

2000 W	Output, between the W1200 and the W2300 Power+
230 / 120 V	50–60 Hz · safety class I · two mains versions
4 kg	Complete kit, case 49 × 39 × 13 cm
3 years	Warranty on the iDuctor unit



Flameless heating of bolts, bearings and bushings

The iDuctor W2000 is the mid-range handheld induction heater in the iDtools range. It heats ferromagnetic parts from the inside by induction, without an open flame: the coil is placed around or against the part, the trigger is pressed, and the steel expands within seconds while seals, cables, paint and surrounding components stay cold.

With 2000 W the W2000 sits between the W1200 and the W2300 Power+: heavier daily work, larger bolts and bearings, day in, day out. It is the only iDuctor also available as a 120 V version, delivering the same 2000 W from a 120 V socket. Both versions use the same case, the same coils and the same accessories. Coils click into the patented clamping mechanism by hand; no tools are required.

The unit is microprocessor-controlled, protected against overload and overheating, and designed and manufactured in the Netherlands.

DESIGNED FOR

- Seized bolts, nuts, studs and wheel bolts
- Bearing inner rings, bushings, sleeves and shrink-fitted rings
- Hubs, gears and pulleys on vans, light commercial vehicles and machinery
- Heavier daily workshop work, several jobs a day
- 120 V version: North America, marine and offshore, mobile service

iDuctor W1200	iDuctor W2000	iDuctor W2300 Power+
1200 W · 230 V	2000 W · 230 V or 120 V	2300 W · 230 V
Cars, vans, everyday bolts and nuts, small bearings and bushings, tight spaces	Heavier daily work; the only iDuctor also available as a 120 V version	Trucks, agricultural and construction machinery, massive parts, all-day use

TECHNICAL SPECIFICATIONS

ELECTRICAL

POWER SUPPLY

Output power	**2000 W**
Voltage	**230 VAC ±10 %** 120 V version: 120 VAC ±10 %
Frequency	**50–60 Hz**
Protection class	**Class I** Earthed wall socket required
Mains fuse	**10–16 A (230 V version)** 120 V: per manufacturer. No internal fuse; live when plugged in
Generator use	**Permitted** Clean sine wave, 50–60 Hz, adequate power
Power cord	**3.00 m, C13 with IEC lock** EU plug (230 V) or US plug (120 V)

CONTROL

Operation	**Trigger push button** Heats only while pressed
Power / time	**Rotary switch, 6 positions** 50–100 %, 20 s to continuous (page 3)
Work light	**White LED on the front** Also flashes to indicate a fault
Cooling	**Integrated fan** Runs until the unit has cooled

COMPLIANCE

Marking	**CE** EMC and Low Voltage Directives
120 V version	**UL · CE · UKCA approved** Manufacturer's insert; certificates on request
EMC standards	**EN 55011 · EN 61000-6-1** EN 61000-3-2 · EN 61000-3-3
Safety standard	**EN 60335-1**
Patents	**EP 2809127 · WO 2014/193225 A1** DE 202013012686 · DE 202013012687
Origin	**The Netherlands** Designed and manufactured in NL

MECHANICAL & ENVIRONMENT

MECHANICAL

Type	**Handheld induction heater** Angled housing, fan-cooled generator
Coil connection	**Patented clamp** Tool-free coil change in seconds
Coil types	**All iDuctor coils** Fixed M8–M30, Flexcoils 1.1–3.5 m, U-coil, Steerstick, heat pad
Case	**49 × 39 × 13 cm** Impact-resistant case with foam inlay
Kit weight	**4 kg (Basic Kit)** Professional Kit: plus Power+ 6-coil set, 0.7 kg

WORKING ENVIRONMENT

Ambient temperature	**–5 °C to +40 °C**
Relative humidity	**0–90 %, non-condensing**
Ingress protection	**IP20** Indoor use, keep dry
Altitude	**Up to 2000 m above sea level**

MATERIALS HEATED

Suitable	**Ferromagnetic metals** Carbon and low-alloy steel, cast iron, ferritic and martensitic stainless (AISI 410, 430)
Not heated directly	**Aluminium, copper, brass, AISI 304/316** Heat the adjacent steel part instead

PROTECTION

Generator	**Microprocessor-controlled** Reduces power on overload or overheating
Thermal cut-out	**Automatic, self-resetting** Resumes after cooling down
Coil monitoring	**Connection and short-circuit detection** Unit stops, LED flashes

OPERATION

Pos.	Output	Auto switch-off
1	50 %	20 s
2	75 %	20 s
3	100 %	20 s
4	100 %	30 s
5	100 %	60 s
6	100 %	Continuous

How it works. Select the coil that closes around the part without touching it, set the rotary switch at the rear and press the trigger. In positions 1–5 the unit stops automatically after the set time; in position 6 it heats for as long as the trigger is held, until the thermal cut-out intervenes. The LED lights the work and the fan cools the generator; keep the unit connected until the fan stops. A ticking sound at the lower power settings is normal.

Temperature. The iDuctor has no temperature setting: it delivers power, the part determines the result. Steel reaches a few hundred °C within seconds and can be brought to red heat if required. Bearings to be removed need only about 110–120 °C: heat in short bursts and check with an infrared thermometer.

KIT CONTENTS

W2000 / BASIC KIT



- iDuctor W2000 in impact-resistant case (kit 4 kg)
- Flexcoil FL1100, Kevlar sleeve to 750 °C
- U-coil U160-600
- Heating coils M8 and M10
- 3.00 m power cord with IEC lock, EU or US plug
- User manual and safety sheet

IDU-W2000-BASIC-230V/-120V

W2000 / PROFESSIONAL KIT



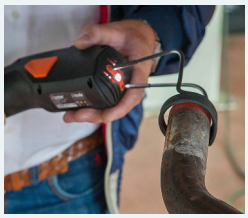
- Everything in the Basic Kit
- Power+ coil set, 6 pieces M10–M30 (IDU-SET-COIL-PWR-6PC)
- Covers M8 to M30 from day one

IDU-W2000-PRO-230V/-120V



FIXED COILS FOR BOLTS AND HUBS

The coil closes around the bolt or nut without touching it; its metric size matches the thread. At 2000 W, larger bolts and hubs come free quickly.



FLEXCOIL FOR ODD SHAPES

The flexible coil is wound around pipes, bushings, bearing rings and parts a fixed coil cannot reach. Start with one turn; too many turns trips the current protection.

SAFETY NOTES

- Generates a strong magnetic field: keep persons with pacemakers or implants, and magnetic media, away from the coil.
- Coils and heated parts become hot. Let coil and unit cool before changing coils or storing. Wear suitable gloves and eye protection.
- Use only original iDuctor coils; never use a coil with damaged or worn insulation. Do not run a Flexcoil continuously for longer than 30 minutes.
- Connect to an earthed socket of the voltage stated on the unit (230 V: fused at 10–16 A). Live as soon as plugged in.
- Indoor use only (IP20). Not for persons under 16 without supervision. Maintenance-free; dry cloth only. Read the user manual before first use.

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Manual and CE declaration: idtools.eu/manual · idtools.eu/ce-declaration

COMPATIBLE COILS & ACCESSORIES

All coils click into the same clamping mechanism and fit both the 230 V and the 120 V version. Fixed coils are listed with internal diameter and overall length (L); Flexcoils are wound in as few turns as the job allows. Temperature rating refers to the coil's insulating sleeve.

Product / order code	Dimensions	Insulation rating
Power+ heating coil M10 IDU-COIL-M10-PWR	Ø 23 mm · L 250 mm	250 °C
Power+ heating coil M12 IDU-COIL-M12-PWR	Ø 26 mm · L 200 mm	250 °C
Power+ heating coil M16 IDU-COIL-M16-PWR	Ø 32 mm · L 200 mm	250 °C
Power+ heating coil M20 IDU-COIL-M20-PWR	Ø 40 mm · L 200 mm	250 °C
Power+ heating coil M24 IDU-COIL-M24-PWR	Ø 47 mm · L 240 mm	250 °C
Power+ heating coil M30 IDU-COIL-M30-PWR	Ø 52 mm · L 240 mm	250 °C
Power+ coil set, 6 pieces M10–M30 IDU-SET-COIL-PWR-6PC	Included in Professional Kit	250 °C
Standard coil set, 8 pieces M8–M30 IDU-SET-COIL-M8-M30-8PC	Ø 18–52 mm · L 150–240 mm	250 °C
Flexcoil FL1100 IDU-FLEX-FL1100	L 1100 mm · Ø 5 mm · in both kits	750 °C
Flexcoil FL2000 IDU-FLEX-FL2000	L 2000 mm · Ø 5 mm	750 °C
Flexcoil FL2500 IDU-FLEX-FL2500	L 2500 mm · Ø 5 mm	750 °C
Flexcoil FL3000 IDU-FLEX-FL3000	L 3000 mm · Ø 5 mm	750 °C
Flexcoil FL3500 IDU-FLEX-FL3500	L 3500 mm · Ø 5 mm	750 °C
U-coil U160-600 IDU-COIL-U160-600	Open U shape · L 600 mm · Ø 8 mm · in both kits	250 °C
Steerstick Heater 70–200 IDU-COIL-ST70-200	Shaped coil · 200 × 40 × 70 mm	250 °C
Induction heat pad 10 × 10 cm IDU-PAD-100X100	Flat heating surface	—
Power cord EU 3.00 m IDU-CORD-EU-C13	C13 with IEC lock · supplied with the 230 V version	—
Power cord US 3.00 m Order code on request	C13 with IEC lock · US plug · supplied with the 120 V version	—

Standard heating coils M8–M30 (IDU-COIL-M8-L150 to IDU-COIL-M30-L240) fit the W2000 as well; the blue Power+ coils are built for the higher output of the W2000 and W2300 and are not used on the W1200. Prices and volume discounts: see the iDtools dealer price guide. Data sheet v1.1 · 18 November 2026. Specifications subject to change without notice.