

WTR TOOL — Mounting & Dismounting



WTR Bearing Induction Heater Application

WTR Bearing induction heater, widely used in enterprises of manufacturing and maintenance from the line of railway, oil, machinery, motor and others , which is for heating of the surplus assemble of the bearings, couplings, gears, bushings, etc .

WTR Bearing Induction Heater Operating Principle

Using electromagnetic induction principle, make the bearing as a secondary coil, when connected power , from the inner to the outer will lead to thermal expansion , which will meet the surplus over assembly.

1. Improving assembling quality, even heating and high precision, keeps the workpieces surface hardness and the inherent quality.
2. Enhanced work efficiency and fast heating speed help to reduce the labor

intensity as well as accelerate the assembling process, to achieve the civilized production

3. Reasonable structure, advanced and easy operating, safe without fire danger.
4. Achieving the energy conservation, cost reduction and benefit improvement. To save oil 100% than Oil Heating, 60% power than the electrical stove heating.
5. After the heating stop, WTR Bearing Induction Heater will degauss to less than 0.8mT, according to the ZJS-004 standard. WTR series Bearing Induction Heater is the ideal heating device for the civilized production, high-efficient production and safety production.

WTR Bearing Induction Heater Advantage

1. WTR always walk in the forefront of the industry's R & D advantages

WTR has a R & D team with more than 1200 people, Chief heater engineer has 30 years of industry experience, design a variety of bearing heater with the international advanced level, WTR has always adopted innovative processing technology standing in the forefront of the industry, combined with 30 years of industry experience to ensure excellent product quality and excellent performance.

2. Quality guarantee from every detail

- (1) WTR selected high quality copper induction coil, more heat insulation;
- (2) Original temperature -10 °C -400 °C insulation double glass envelope technology, has a longer life;
- (3) Specifies large steel mills 35W270 high silicon steel sheet and a special process, improve the heating rate of 300%;

- (4) Electrical accessories are only from Schneider, Chnt and other famous brands;
- (5) WTR factory customized temperature -50 °C -300 °C epoxy rods platinum thermal resistance, better magnetic properties;

3. Appointed heater supplier by the International fortune 500 companies

WTR bearing heater is approved by the Mitsubishi, Thyssenkrupp and more famous international enterprises, appointed by the International fortune 500 companies.

4. Achieve the real automatic demagnetization in industry

Most of the bearing heaters could not achieve automatic demagnetization, the residue attached to the metal fragments bearing surface will affect bearing life. WTR adopt innovative demagnetization technology, achieving the real automatic demagnetization, no need extra degaussing machine. There will be no metal fragments pollution after demagnetization, greatly extend the life of the workpieces. Demagnetization reached the international advanced level standard: <2A/CM.

5. Multiple protection makes it safer and more environmental protection

WTR fully enclosed insulated coil minus the risk of the exposed coil, to protect the safety of life more effectively. E multilayer fiber ribbon , F grade epoxy insulating paint, multiple protection makes it safer. Special processing technology makes the radiation and noise to be minimum.

6. More personalized sales and service engineering

Every WTR heater is with imported high-temperature resistant insulated gloves, makes the operation safer. The heater is tested 100% by the engineer before leaving the factory, there is no need to debug the machine when use, just use once power

connected. First supplier who can offer heater operating video in the industry, to help the inexperienced person to use it in short time.

WTR Bearing Induction Heater Details Show
The Materials Used Sophisticated

1PART
Quality pure copper induction coil



2PART
High performance silicon steel sheet



3PART
Insulating double fibre glass-covered wire can be used in temperature from -10°C to 400°C



4PART
E-Glass fiber tape makes the better insulation effect



5PART
F grade insulating paint makes it safer



RAL 7035 Lichtgrau

6PART
Purple PU brake wheel made by German materials





7PART
4phase 16A industrial plug



8PART
Lower noise and smaller radiation



9PART
Free heat-resistant gloves for 300 degrees



10PART
Faster heating speed makes the higher production efficiency

WTR Bearing Induction Heater Advantages
 Show product quality by strength



WTR chief heater engineer with 31years industry experience



Bearing induction heater supplier appointed by Mitsubishi, Thyssenkrupp and more famous international enterprises

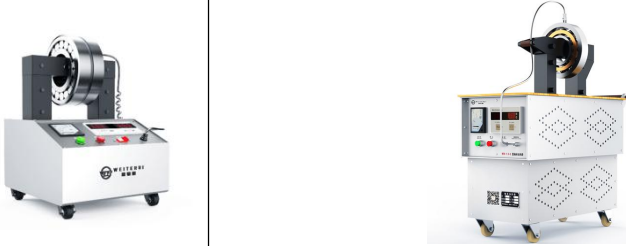


Industry NO.1 at bearing heating speed and rate of repurchase




Use successfully after connecting the power, no inconspicuous consumption


WTR Bearing Induction Heater Models — Movable Type

Model	WTR-2.2-3S	WTR-3.5-3S	WTR-7.5-3S	WTR-12-3S
Power	2.2KVA	3.5KVA	7.5KVA	12KVA
V/HZ	220V/50HZ	380V/50HZ	380V/50HZ	380V/50HZ
Currency	16A	20A	30A	60A
Pole area	60*64mm	65*70mm	85*102mm	100*100mm
Pole height	220mm	265mm	325mm	355mm
Max. weight	10KG	20KG	40KG	100KG
Min. bore size	20mm	20mm	30mm	40mm
Max. outside size	260mm	350mm	450mm	500mm
Max. width	120mm	160mm	180mm	220mm
Temperature Control	300°C ; PT100 magnetic probe ; digital display			
Time Control	0-99minutes ; digital display			
Demagnetization	Automatic demagnetization <2A/CM			
Heater Dimension (mm)	365*390*530	740*380*780	780*420*910	850*430*950
Heater weight	50KG	80KG	170KG	230KG
Yokes (mm) Optional	48*48*260 36*36*260 28*28*260 20*20*260 14*14*260	63*63*370 48*48*370 36*36*370 28*28*300 20*20*300 14*14*300	75*75*460 55*55*460 36*36*460 28*28*370 20*20*370	82*82*530 60*60*530 40*40*530 28*28*430
Heater style	Movable	Movable	Movable	Movable
Photo				

WTR Bearing Induction Heater Models — One Set Type

Model	WTR-16-4S	WTR-20-4S	WTR-30-4S	WTR-60-4S
Power	16KVA	20KVA	30KVA	60KVA
V/HZ	380V/50HZ	380V/50HZ	380V/50HZ	380V/50HZ
Currency	70A	80A	100A	160A
Pole area	120*120mm	120*125mm	124*132mm	150*166mm
Pole height	450mm	480mm	545mm	660mm
Max. weight	150KG	200KG	400KG	600KG
Min. bore size	50mm	80mm	120mm	120mm
Max. outside size	600mm	650mm	800mm	900mm
Max. width	240mm	250mm	300mm	300mm
Temperature Control	300°C ; PT100 magnetic probe ; digital display			
Time Control	0-99minutes ; digital display			
Demagnetization	Automatic demagnetization <2A/CM			
Heater Dimension (mm)	1700*600*920	1700*600*920	1800*600*900	2000*740*1100
Heater weight	370KG	420KG	460KG	800KG
Yokes (mm) Optional	106*106*550 68*68*550 56*56*550 34*34*550	106*106*550 68*68*550 56*56*550	116*116*590 68*68*590 56*56*590	116*116*620 90*90*620 68*68*620
Heater style	One machine	One machine	One machine	One machine
Photo				

WTR Bearing Induction Heater Models — Portable Type			
Model	WTR-HE2500S	WTR-HE3600S	WTR-HE8000S
V/HZ	220V/50-60HZ	220V/50-60HZ	380V/50-60HZ
Power	2.5KVA	3.6KVA	8.0KVA
Max. Weight (KGS)	12	50	150
Min. bore size (mm)	15	20	45
Max. out size (mm)	220	480	720
Max. width Vertical/Horizontal (mm)	70/100	120/175	195
Temperature Control	250°C	240°C	240°C
Heater Weight (KG)	15	35	64
Heater Dimension (mm)	240x200x235	480x240x305	520x390x340
Yokes (mm) Optional	10x10x150; 14x14x150; 20x20x150; 30x30x150; 40x40x150	14x14x250; 20x20x250; 30x30x250; 45x45x250	30x30x370; 40x40x370; 50x50x370
Heater style	Portable	Portable	Portable
Photo			

WTR Bearing Mounting Tool — Electric Hot Plate	
Model	WTR-P-2.0S
Power	800W
V/HZ	220V/50HZ
Max. bore size	100 mm
Max. weight	5KGS
Heating area	200mm x 200mm
Temperature control	0°C-200°C
Heater Dimension(mm)	446*215*115mm
Heater weight	6KGS
Safety protection	Leakage protection Overcurrent protection
Heater style	Case
Photo	

WTR-36S Bearing Fitting Tool Kits

WTR-36S Bearing Fitting Tool Kits are designed for quick and precise mounting of bearings, bushings, seals which bore size from 10-55mm.

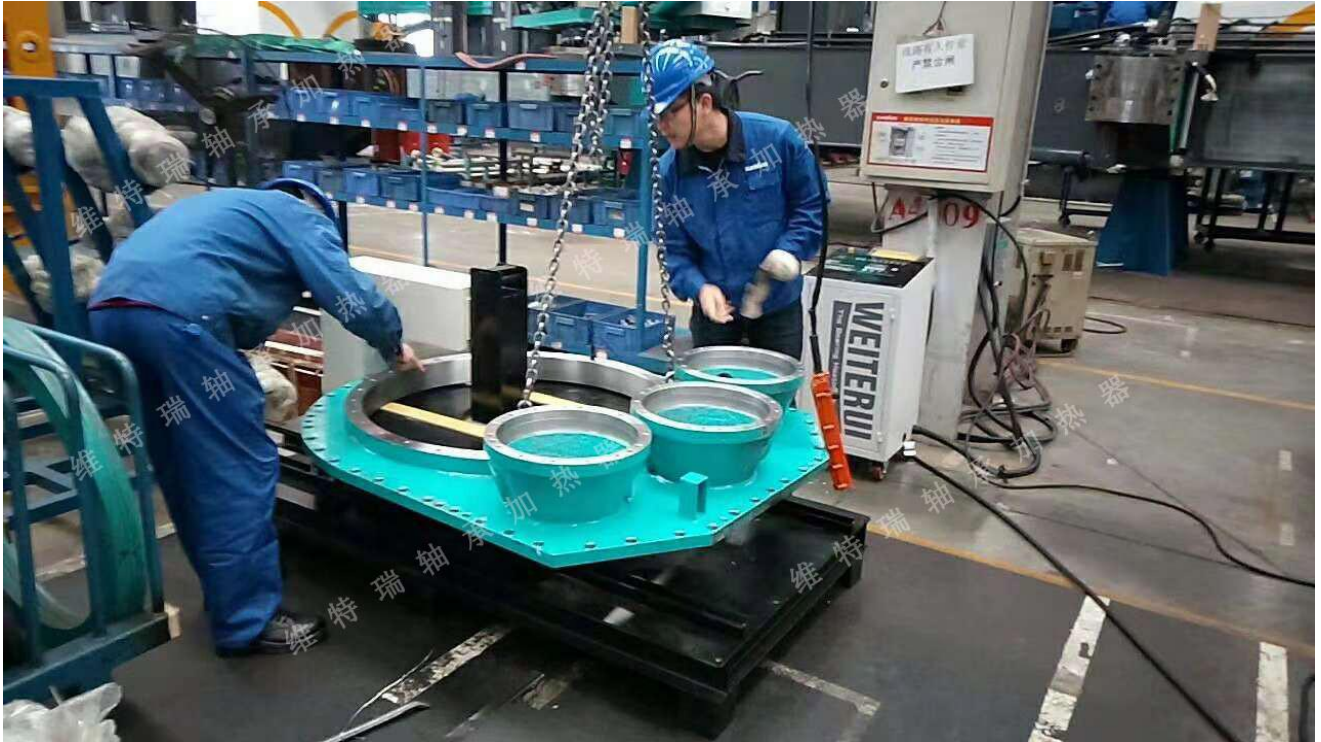
The right combination of impact ring and sleeve allows effective transmission of mounting force to the bearing ring with the interference fit, minimising the risk of damaging the bearing's raceways or rolling elements.

The WTR-36 kit contains 36 impact rings and a dead-blow hammer packed in a lightweight carrying case.



Model	WTR-36S
Bearing Dimension	Bore size from 10-55mm
The WTR-36 kit contains 36 impact rings and a dead-blow hammer packed in a lightweight carrying case.	

WTR Induction Heaters At Clients' Site





WTR Inner Sleeve Bearing Heater



WTR Inner Sleeve Bearing Heater Application

WTR inner sleeve bearing heater, widely used in enterprises of manufacturing and maintenance from the line of steel, railway, oil, machinery, motor and others, which is for heating the inner ring of the bearings, couplings, gears, bushings, etc , then to achieve the mounting or dismounting.

WTR Inner Sleeve Bearing Heater Operating Principle

Adopting the electromagnetic induction heating principle to heat the bearing sleeve from outer to inner, making the bearing sleeve expand rapidly, inner size will be larger than the shaft size, thus could dismount or mount the bearing sleeve.

Just control the heating time or temperature when use the WTR inner sleeve bearing heater to mount or dismount bearing sleeve, the sleeve will not anneal or deform.

Original method (Gas cutting or Hammering) could not guarantee intact of the

bearing sleeve. Each bearing inner sleeve is with high cost, saving cost during the bearing inner sleeve changing process is very important for the metallurgy and railway industry, it indirectly increases the enterprise efficiency. Thus WTR inner sleeve bearing heater is ideal dismount tool for the enterprises.

WTR inner sleeve bearing heater is with automatic demagnetization function, <0.8mT. WTR inner sleeve bearing heater has 2 models at present: WTR-C-1 and WTR-C-2. The specifications could be made according to the outer size and width of the bearing inner sleeve.

WTR Inner Sleeve Bearing Heater Components

WTR-C series Inner Sleeve Bearing Heater is made of electric control cabinet and induction pull ring.

A1. Induction heating ring components

WTR-C-1 induction heating ring consists of -6°C - 150°C double glass - coated wire winding and epoxy board shell.

WTR-C-2 induction heating ring consists of coil winding & 12 pieces of the iron cores & aluminum shell. When heat the bearing inner sleeve, 12 pieces of the iron cores will be closer to the workpieces under magnetic force, reducing the gap between the induction heating coil and the workpieces, also increasing the power correspondingly.

A2. Induction heating ring types

WTR-C series induction heating ring has 2 types: Portable, Car type(Center adjustable pitches). The type is decided by users.

- (1) Portable type: usually for smaller double rows or four rows bearing inner sleeve ($\leq\phi 180$), flexible operating.
- (2) Car type: In the case of site permits, for larger bearing inner sleeve ($\geq\phi 190$, width ≥ 200)
- (3) Center adjustable pitches: In the case of site not allowed, for larger bearing inner sleeve ($\geq\phi 190$, width ≥ 200)

B. Electric control cabinet

Both time control and temperature method of the electric control cabinet will show on LCD digital, we could observe the heating temperature and time directly. Time control are with MINUTES & SECONDS 2 timing modes.

There are many not commonly used rolling mill bearing models in metallurgical industry and railway industry, such as traction motor 17,21 teeth small gear, locomotive bearing and others. We could design and produce if users could offer the bearing type & model & specification.

WTR Inner Sleeve Bearing Heater Operating

1. Connect the power: 380V AC
2. Ground strictly as the note of electric control cabinet and induction pull ring
3. Adjust the control panel to the set heating time. Time Relay setting: HOUR / MINUTES / SECONDS(from left to right). 00.1 means 6 seconds.
4. Press the switch and connects the power

5. Put the induction pull ring to the workpieces position when dismounting.
6. Put the workpiece to induction inner ring.
7. Press the Heating button and the puller starts working
8. When arrives the set time, the puller will automatically power off and demagnetize. Press the STOP button for 3 seconds for achieving the demagnetize if by manual control.

Warm Reminder

1. Do not energize the equipment before grounding it.
2. No-load operation is prohibited, or it will burn the induction coils or electrical parts of the cabinet.
3. Correctly grasp the heating temperature and heating time. If the working time is too long, the workpiece will anneal and haft diameter expand at the same time. If working time is too short, the inner ring hole will be not expanded to a certain amount and the workpiece could not be dismounted.
4. For first time failed dismounting because of the wrong operating, we should wait the workpiece to be cool and look for the reasons, then adjust the heating time or temperature and do the second time heating.
5. After heating finish, we should timely move the workpiece and wipe the oil pollution to avoid destroying the induction inner ring insulation.

WTR Inner Sleeve Bearing Heater Common Used Models

Bearing Models	Inner Sleeve Size Outside x Width	Frequency (HZ)	Voltage	Current (A)	Heating Time		Temperature °C
					Mount	Dismount	
FC3045120	φ169×120	50	380V	100	100"	120"	120
FC3248124	φ183×124	50	380V	100	100"	120"	120
FC3652168	φ202×168	50	380V	100	100"	120"	120
FC3852168	φ212×168	50	380V	100	100"	120"	120
FC4058192	φ226×192	50	380V	100	110"	120"	120
FC4462192	φ246×192	50	380V	100	110"	120"	120
FC4666206	φ260×206	50	380V	120	120"	130"	120
FC5274220	φ292×220	50	380V	130	120"	130"	120
FC5678220	φ312×220	50	380V	130	120"	130"	120
FC6084240	φ332×240	50	380V	140	120"	130"	120
FC6490240	φ355×240	50	380V	140	120"	130"	120
FC6890250	φ371×250	50	380V	140	120"	130"	120
FCD6896350	φ378×175	50	380V	140	120"	130"	120
FCDP130180650	φ704×325	50	380V	170	15'	16'	130
FCDP146206750	φ809×375	50	380V	180	20'	20'	130
FCDP160216700	φ878×350	50	380V	180	22'	25'	130

Heating time in the form is approximation tested under 28°C,users need to do adjustment according to the room temperature.

WTR-MF Series Induction Heater



WTR-MF series is middle frequency or high frequency heater combined of the power supply and different types of the inductors. It is for mounting & dismounting of powertransmission components in industrial companies: bearings, laby- rinth rings, bearing rings, sleeves, bushes, couplings, gears,etc.

WTR-MF series induction heater is safe and cost effective heating method, which improves the quality of installation or maintenance. This method is fast, simple and energy efficient, compared to conventional methods.Middle frequency technology makes it easier and quicker to transfer effec- tive energy in the work piece.

WTR-MF Series Induction Heater Features

1. WTR-MF series induction heating power supply is a high-efficiency energy-saving product of DSP+IGBT structure; this product is IGBT inverter and adopts DSP for all-digital precision control. It can always ensure IGBT works in ZCS state; full air cooling structure greatly reduces power loss and completely eliminates equipment failure from water system; multiple operation control modes and configurable functions make the equipment suitable for almost all process requirements of induction heating; Complete limit protection measures keep the equipment running continuously and safely under various working conditions.
2. The power supply is a full air-cooled structure. The main unit, transformer and capacitor group are all air-cooled.
3. Air-cooled inductors can also be used in many cases; the entire system does not require water.
4. Fast automatic tracking technology, changing the sensor or load change can automatically track the resonant frequency quickly, ensuring that the power supply always works at the optimal working point, no need to adjust the parameters.
5. Uninterrupted operation design: In the case of rapid switching or flickering of the power supply circuit or accidental protection, the device can automatically diagnose and automatically return to normal operation (automatic restart), which can avoid production loss caused by shutdown.
6. Wide range of grid voltage adaptation: It can adapt to -30%~+10% grid fluctuation range (three-phase 380VAC model). And under the control of the DSP,

the output operating value is not affected by the grid voltage fluctuations.

7. The output of the device is transformer isolation type, which has high safety and conforms to European and American standards.

8. Four operating modes: constant current operation, constant power operation, constant temperature operation, process program operation (temperature operation module and process program module are optional). Can be selected according to different working conditions and process requirements.

9. Timed running function: automatic countdown with countdown and positive timing function.

10. Built-in temperature PID closed-loop program (optional), PID parameters can be set; in many cases, the constant temperature operation mode can be used to automatically control the heating temperature of the workpiece (automatically heat up according to a certain slope, and then keep the temperature at the set value)

11. The process program run module (optional) allows the user to preset temperature profiles (or current, power curves) to complete complex heat treatment processes or heating process requirements.

The preset process curve can be completed by panel button operation. Each process program can be programmed with dozens of running segments, each of which can be timed and programmable to different operating modes.

12. Automatic closed-loop operation controlled by DSP: Even if the load changes, the device can always keep the output stable; when the input three-phase AC

voltage fluctuates, the DSP can automatically control to keep the output stable.

13. Quick response option (parameter): It can achieve extreme speed instant heating, such as quenching application with heating time less than 1S. It can realize fast PID constant temperature control, such as heating and heat preservation operation in 2S.

14. Impedance automatic switching function (optional): It can automatically switch the impedance before and after the Curie point to keep the power supply always output at high power. With this function, it is possible to select a power source with a lower power to achieve a Curie temperature point heating.

15. Device efficiency $\geq 75\%$, power factor ≥ 0.90 (when the output $\geq 50\%$ rated power, the ratio of the output power of the transformer box to the input power). Most magnetically conductive metal-heated power supplies can exceed 75% efficiency.

16. The equipment grounding system is safe and reliable (including equipment access lines, the buyer provides a reliable grounding point in the power distribution cabinet and is reliably grounded). The device has complete security protection. It has an abnormal sound and light alarm such as load open circuit, short circuit, resonant over current, DC over voltage, resonant over voltage, over temperature, phase loss, cell balance, reactance over limit protection function, and cut off the output function.

Alarm and protection event logging and viewing functions: The unit will record all alarms and protection events that occur during operation, which can be viewed by the operator at any time, facilitating equipment troubleshooting and problem analysis.

17. Heating cable insulation grade: Class F.

The equipment grounding system is safe and reliable (including equipment access lines, the buyer provides a reliable grounding point in the power distribution cabinet and is reliably grounded).

Built-in output circuit (including sensor / induction cable, extension cable / copper bar) insulation resistance online monitoring (optional) function (ie leakage detection function), can display insulation resistance value, can set insulation resistance alarm / protection value.

18. Alarm and protection event recording and viewing function: The device will record all alarms and protection events that occur during operation, which can be viewed by the operator at any time, which is very beneficial for equipment fault diagnosis and problem analysis.

19. All parameters of the device can be set online and enabled in real time, and the power is not lost after the parameter setting. It has parameter protection and one-button recovery factory setting parameter function.

20. The device adopts high-brightness dot matrix display unit, which can provide Chinese or English display.

21. The sensor automatically degaussing function, when the induction heating power supply stops heating, the sensor automatically demagnetizes without generating a magnetic field.

WTR-MF Series Induction Heaters At Clients' Site

1. Evaporator tube sheet heating in the nuclear power industry



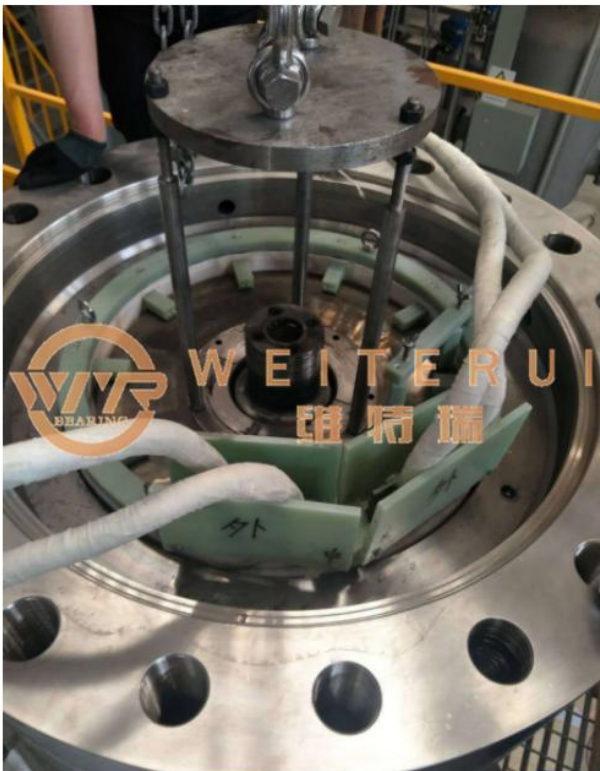
2. Head heating in the nuclear power industry



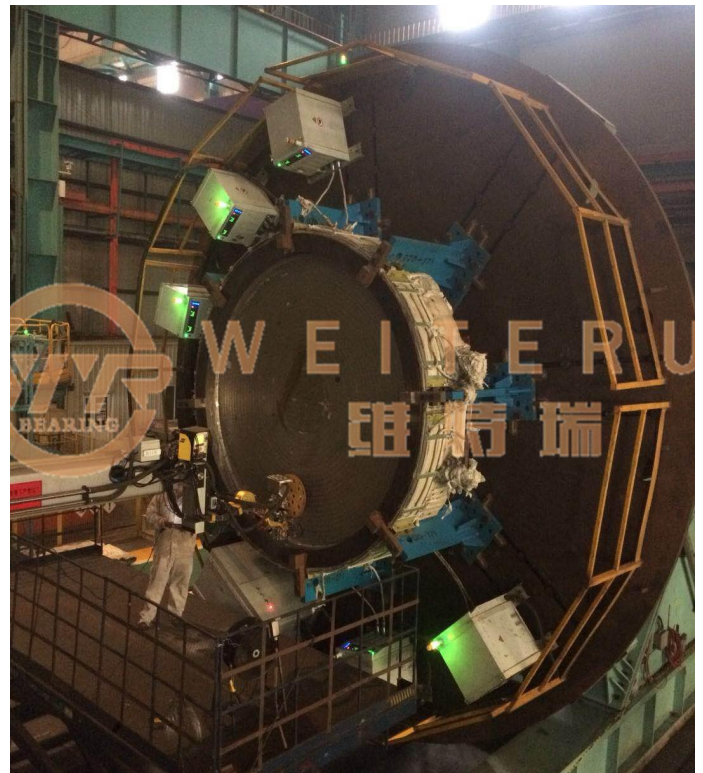
3. Evaporator tube sheet surfacing in the nuclear power industry



4. Thrust plate induction heating



5. Evaporator tube plate heating



6. Large workpieces heating in the wind power industry



WTR Brand Products

Bearings

Vibration Analysis System Product

Bearing Fitting Tool Kits

Electrical Bearing Hot Plate

Portable Bearing Induction Heater

Movable Bearing Induction Heater

Large Size Bearing Induction Heater

Bearing Inner Sleeve Induction Heater

Middle and High Frequency Induction Heater

WTR Products Package



WTR Factory







WTR Products Passed The International Certifications-ISO9001,CE,EMC,FCC



**CERTIFICATE OF CONFORMITY
QUALITY MANAGEMENT SYSTEM CERTIFICATION**

NO. 10415Q20704R0S

This is to certify that the Quality Management System of
QINGDAO WEIKETERUI AUTOMATION EQUIPMENT CO., LTD.

(Add.: Room 604, No.2 Of Shizheng Ailian Complex Building Apartment, No.151 Zhengyang Road, Chengyang District, Qingdao City,
Shandong Province, China (Mainland) Organization Code: 32599269-3 Postal Code: 266000)

is in conformity with:

GB/T 19001-2008 / ISO 9001:2008

This system is valid to:

*** SELL FOR BEARINGS, RUBBER PARTS AND AUTOMATION EQUIPMENT ***

Further clarifications regarding the scope of this certificate and the applicability of GB/T19001-2008 / ISO9001:2008 requirements may be obtained by this body organization. Certificate in the state regulations administrative license, qualification, mandatory product certification received within the validity period and the normal annual review of the case effectively. This certificate information is available on the official website of the agency and Certification & Accreditation Administration of the People's Republic of China (www.cnca.gov.cn).

Issue date :06-23-2018

Term of validity: 06-23-2018 TO 06-22-2021

Representative of the company (Director):

S. p. chun



MANAGEMENT SYSTEM
CNAS C104-Q



SHANDONG SEATONE QUALITY
CERTIFICATION CO.,LTD.



Wechat certificate query

first inspection second inspection third inspection

This certificate will not be legally valid unless the inspection is confirmed

Address: Floor15, New World Mansion, 9 Fuzhou Rd., Qingdao, China

Tel: 0532-85781352

Fax: 0532-80779550

Web: www.seatone.cn

Certificate of Conformity

Certificate Number: B-S161211658
Low Voltage Directive 2014/35/EU



Holder.....: QINGDAO WEIKETERUI AUTOMATION EQUIPMENT CO., LTD.
ROOM 1108,LIKELAI BUILDING,ZHENGYANG
Address.....: ROAD,CHENGYANG DISTRICT,QINGDAO CITY,SHANDONG,
CHINA
Manufacturer.....: Same as holder
Product.....: Bearing Induction Heater
Model No.....: WTR-2.2-3,WTR-3.5-3,WTR-7.5-3,WTR-20-4,
WTR-60-4,WTR-75-4,WTR-90-4
Technical Data...: 380V~,50/60Hz,180A,90KW

The submitted products have been tested by us with the following standard(s) and found to be in compliance with the listed European Directives.

EN60204-1:2006+A1:2009

The test results apply only to the particular sample tested and to the specific tests carried out. Technical Report and documentation are at the Holder's disposal.
This certificate applies specifically to the sample investigated in our test reference number only. The CE markings as shown below can be affixed on the product after preparation of necessary technical documentation. Other relevant Directives have to be observed.



Certification Manager
Date:Dec.19, 2016



Company No.07113834



0 5 3 2 4 7 6 8

Beide (UK) Product Service Limited

U.K.: Flat 107, 25 Indecon Square, London, United Kingdom

China: 6F, Bldg E, Hourui 3rd Ind Zone, Xixiang, Bao'an Dist, Shenzhen, China

Http://www.szbeide.com E-mail: admin@szbeide.com

Verification of Compliance

Certificate Number: B-E161211659
Equipment Class: FCC Part 15 Class B



Holder.....: QINGDAO WEIKETERUI AUTOMATION EQUIPMENT CO.,LTD.

Address.....: ROOM 1108,LIKELAI BUILDING,ZHENGYANG ROAD,CHENGYANG DISTRICT,QINGDAO CITY,SHANDONG,CHINA

Manufacturer.....: Same As Holder

Product.....: Bearing Induction Heater

Model No.....: WTR-2.2-3,WTR-3.5-3,WTR-7.5-3,WTR-20-4,WTR-60-4, WTR-75-4,WTR-90-4

Technical Data....: 380V~,50/60Hz,180A,90KW

This device is in conformance with Part of the FCC Rules and Regulations for Information Technology Equipment. Operation of this product is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

We, the responsible party:

QINGDAO WEIKETERUI AUTOMATION EQUIPMENT CO.,LTD

Declare that the product

Bearing Induction Heater

M/N: WTR-90-4



Certification Manager
Date: Dec. 19, 2016



Company No.07113834



Be tested to conform to the applicable FCC Rules and Regulations. The method of testing was in accordance to the most accurate measurement standards possible, and that all necessary steps have been enforced to assure that all production units of same equipment will continue to comply with the Federal Communications Commission's requirements.

Certificate of Conformity

Certificate Number: B-E161211657
EMC Directive 2014/30/EU



Holder.....: QINGDAO WEIKETERUI AUTOMATION EQUIPMENT CO.,LTD.

Address.....: ROOM 1108,LIKELAI BUILDING,ZHENGYANG ROAD,CHENGYANG DISTRICT,QINGDAO CITY,SHANDONG,CHINA

Manufacturer.....: Same As Holder

Product.....: Bearing Induction Heater

Model No.....: WTR-2.2-3,WTR-3.5-3,WTR-7.5-3,WTR-20-4,WTR-60-4, WTR-75-4,WTR-90-4

Technical Data ...: 380V~,50/60Hz,180A,90KW

The submitted products have been tested by us with the following standard(s) and found to be in compliance with the listed European Directives.

- EN 61000-6-2:2005;
- EN 61000-3-2:2014;
- EN 61000-3-3:2013;
- EN 61000-6-4:2007+A1:2011

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Certification Manager
Date: Dec. 19, 2016



Company No.07113834



Beide (UK) Product Service Limited

U.K.: Flat 107, 25 Indecon Square, London, United Kingdom
China: 6F, Bldg E, Hourui 3rd Ind Zone, Xixiang, Bao'an Dist, Shenzhen, China
Http://www.szbeide.com E-mail: admin@szbeide.com

Certificate of Conformity

Certificate Number: B-E161211657
EMC Directive 2014/30/EU



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Model No.....: WTR-2.2-3,WTR-3.5-3,WTR-7.5-3,WTR-20-4,WTR-60-4, WTR-75-4,WTR-90-4

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EN 61000-6-2:2005;
EN 61000-3-2:2014;
EN 61000-3-3:2013;
EN 61000-6-4:2007+A1:2011

The test results apply only to the particular sample tested and to the specific tests carried out. Technical Report and documentation are at the Holder's disposal.

This certificate applies specifically to the sample investigated in our test reference number only. The CE markings as shown below can be affixed on the product after preparation of necessary technical documentation. Other relevant Directives have to be observed.



Certification Manager
Date: Dec. 19, 2016



Company No. 07113834



Beide (UK) Product Service Limited

U.K.: Flat 107, 25 Indescon Square, London, United Kingdom

China: 6F, Bldg E, Hourui 3rd Ind Zone, Xixiang, Bao'an Dist, Shenzhen, China

Http://www.szbeide.com E-mail: admin@szbeide.com

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QINGDAO WEIKETERUI AUTOMATION EQUIPMENT CO., LTD.

青岛维科特瑞自动化装备有限公司

CONTACT: AMY WANG

SKYPE: AMY_5310

FAX: 0086-532-66960231

WEBSITE: WWW.WTR-BEARINGHEATER.COM

MOBILE/WHATSAPP/WECHAT: 0086-18562800715

EMAIL/LINKEDIN/FACEBOOK: AMY@WTR-BEARING.COM

ADDRESS: JIMO CITY OF QINGDAO, SHANDONG PROVINCE, CHINA