

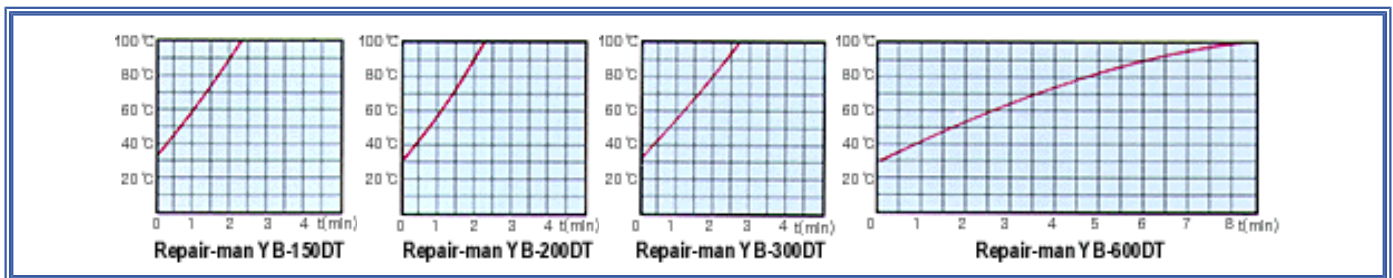
→ Bearing Heater

BEARING Heater is instrument by which bearings can be easily inserted promptly and evenly and heat and expand bearings or ring type within short period (30sec~6min) without using hammers or oil.



The inner ball race heating time display table
(standard inner race temperature:85~95)

Inner ball race	Ø15	Ø20	Ø30	Ø40	Ø50	Ø60	Ø70	Ø80	Ø90	Ø120	Ø150
Heating time(min)	0.30 ~1.00	1.00 ~1.30	1.00 ~2.00	2.00 ~2.30	2.30 ~3.00	3.00 ~3.30	3.00 ~3.30	3.00 ~3.30	3.30 ~4.00	4.30 ~5.00	5.30 ~6.00



MODEL	Repair - man YB - 150DT YB - 150DTG	Repair - man YB - 200DT YB - 200DTG	Repair - man YB - 300DT YB - 300DTG	Repair - man YB - 350DT YB - 350DTG	Repair - man YB - 600DT YB - 600DTG
VOLTAGES	110~120V or 200~240V	110~120V or 200~240V	200V~240V or	200V	200V~240V or
BEARING INNER BALL RACE	ø15mm ~ø150mm (5"/8 -5(15"/16))	ø20mm ~ø200mm ((13"/16) -7(27"/37))	ø30mm ~ø300mm (1(13"/16) -11(16"/13))	ø30mm~ø350mm	ø50mm ~ø600mm (1(31"/32) -11(19"/36))
POWER CONSUMPTION	max 3.5KVA	max 3.5KVA	max 6KVA	max 10KVA	max 14KVA
TEMPERATURE SETTING	0~999	0~999	0~999	0~999	0~999
FUNCTION	YB - 150DT	YB - 200DT	YB - 300DT	YB - 350DT	YB - 600DT
	* Digital * Timer * Over heating check circuit	* Digital * Timer * Over heating check circuit	* Digital * Timer * Over heating check circuit	* Digital * Timer * Over heating check circuit	* Digital * Timer * Over heating check circuit
	YB - 150DTG	YB - 200DTG	YB - 300DTG	YB - 350DTG	YB - 600DTG
	* Digital * Timer * Over heating check circuit * Demagneti- zation * Half power Temperature Hold	* Digital * Timer * Over heating check circuit * Demagneti- zation * Half power Temperature Hold	* Digital * Timer * Over heating check circuit * Demagneti- zation * Half power Temperature Hold	* Digital * Timer * Over heating check circuit * Demagneti- zation * Half power Temperature Hold	* Digital * Timer * Over heating check circuit * Demagneti- zation * Half power Temperature Hold
DIMENSIONS (W x D x H)	310x310x225mm	310x310x225mm	310x370x330mm	700x340x630mm	400x1000x1100mm
WEIGHT	25Kg	30Kg	46.5Kg	111Kg	102Kg

Crossbar for bearing inner ball race.

(Standard equipment and optional accessories)

ø15mm / 5/8"					
ø20mm / 3/16"					
ø30mm / 1 13/16"					
ø40mm / 1 25/32"					
ø43mm / 1 3/4"					
ø50mm / 1 31/32"					
ø56mm / 2 7/32"					
ø64mm / 2 9/16"					
ø70mm / 2 3/4"					
ø79mm / 3 1/8"					
ø86mm / 3 5/18"					
ø108mm / 4 1/4"					

= option = standard



BEARING HEATER

Repair-Man expands the inner ball race—easily
speedy, securely.

Repair-Man YB-DT Features

Selection of user-oriented functions available:

- Time control function
- Each time key is pressed, units digit, ten digit, hundreds digit, etc. of number are displayed in sequence in display window.
- Each time key is pressed a "Beep beep" sound is generated.
- Loud "Beep beep" sound is generated upon completion of heating process.

Because only the machine tools are heated with the induction heating system, the machine can be operated completely safely, with no danger of causing fire or burns.

Because the machine is computer controlled, repairs are easy.

No application of external force is required for bearing insertion.

Being of small size, machine can be moved easily.

Because machine has built-in overheat prevention circuitry, power is automatically cut off if the machine becomes overheated.



Repair-Man YB-DTG Features

More function as below is added to YB-DT series

- Half power control function
- Temperature hold function
- Demagnetize automatically after heating
(This equipment can also be used only to demagnetization)

 DEMAGNETIZING (automatic)

Repair-Man DTG series have automatic demagnetizing cycle.

The demagnetization cycle begins automatically following heating and is indicated by the LED which lights up beside the demagnetization key.

Residual magnetism obtained is less than 2A/cm which is much below the limit acceptable by international bearing manufacturers.

 Repair-Man Applications

- To heat and insert bearing inner ball race.
- To fit all machine parts such as sleeves, coupling collar and gears which are mouned on shafts.
- To fit all machine parts such as pinions, and seals which are mounted on shafts.
- To heat and insert other ring-type parts.

MODEL	Repair-Man YB-350DT YB-350DTG
VOLTAGES	220V
BEARING INNER BALL RACE	30mm - 350mm
POWER CONSUMPTION	max 10 KVA
AVERAGE POWER CONSUMPTION	15A
MAXIMUM POWER CONSUMPTION	35A
TEMPERATURE ACCURACY	<2A / cm
TIME SETTING	±5
TEMPERATURE SETTING	0 ~ 250
FUNCTIONS	YB-350DT
	* Digital Timer * Over Neating Cheak Circuit
	YB-350DTG

Crossbar for bearing inner ball race.
(standard equipment)

15mm/5/8"	
20mm/1 3/16"	
30mm/1 13/16"	
40mm/1 25/32"	
43mm/1 3/4"	
50mm/1 31/32"	
56mm/2 7/32"	
64mm/2 9/16"	
70mm/2 3/4"	
79mm/3 1/8"	
86mm/3 5/18"	
108mm/4 1/4"	

BEARING Heater

	<ul style="list-style-type: none">* Digital Timer* Over Neating Cheak Circult* Demagmetization* Half Power* Tempereture Hold
DIMGNSIONS (W X D X H)	700x340x630mm
WEIGHT	111Kg