

Thermo Scientific Ultracentrifuge Rotor Warranty

Warranty and Deration/Retirement Recommendations

Rotor Type	Warranty Years	Recommended Retirement After Runs	Recommended Retirement After Years
Swinging Bucket	5	1000/Another 1000 at 90% of maximum rotor speed	10
Aluminum Fixed Angle	7	1000/Another 1000 at 90% of maximum rotor speed	10
Titanium Fixed Angle or Vertical	7	5000	10

Thermo Scientific Ultracentrifuge Rotors are covered under warranty by Thermo Fisher Scientific (Asheville) LLC (“Thermo Fisher Scientific”) under the following conditions:

- When the Thermo Scientific rotor is used in a Thermo Scientific Ultracentrifuge
- When the Thermo Scientific rotor is used in a Beckman Ultracentrifuge

Note also that Thermo Fisher Scientific will cover under warranty a Beckman rotor if it is used in a Thermo Scientific Ultracentrifuge

The following additional warranties apply:

(a) When a Thermo Scientific Rotor is used in a Thermo Scientific Ultracentrifuge:

For the applicable warranty period outlined above, Thermo Fisher Scientific warrants that the above referenced rotors will meet Thermo Fisher Scientific’s published specifications. In the event that a rotor fails to meet the published specifications, Thermo Fisher Scientific will replace the defective rotor under the conditions specified below. Defective rotors must be returned to Thermo Fisher Scientific (Asheville) LLC, 220 Merimon Ave, Asheville, NC 28804, U.S.A. Prior to returning the rotor, you must contact Thermo Fisher Scientific and receive a Return Authorization Number (RMA#)

Conditions:

1. This warranty extends only to the original buyer from Thermo Fisher Scientific or the original buyer from an authorized Thermo Fisher Scientific representative and this warranty may not be assigned or extended to a third person without the prior written consent of Thermo Fisher Scientific.
2. This warranty covers the rotor only and Thermo Fisher Scientific shall not be liable for damage to accessories or ancillary supplies including but not limited to (i) tubes, (ii) tube caps, (iii) tube adapters or (iv) tube contents.
3. This warranty is void if the rotor is (i) operated or maintained in a manner contrary to the instructions in the manual for the rotor or ULTRACENTRIFUGE in use, (ii) used in a THERMO SCIENTIFIC Sorvall® ULTRACENTRIFUGE that has been modified without the written permission of Thermo Fisher Scientific, (iii) not maintained in accordance with any handling or operating instructions supplied by Thermo Fisher Scientific, (iv) damaged due to causes external to the rotor such as, but not limited to, power failure or electrical power surges, (v) subjected to misuse, abuse, negligence accidents or event of force majeure, or (vi) subjected to normal wear and tear.
4. Warranty is void unless rotor speed is properly reduced for certain fluid densities, gradients, tube assemblies, and adapters as described in the rotor operating instructions.
5. Should a THERMO SCIENTIFIC SORVALL ULTRACENTRIFUGE be damaged due to the failure of a rotor covered by this warranty, Thermo Fisher Scientific will supply, free of charge, (i) all parts required for repair, and (ii) if the instrument is currently covered by a Thermo Fisher Scientific warranty or service agreement, all labor necessary for repair of the ULTRACENTRIFUGE.
6. Rotor bucket sets purchased concurrently with, or subsequent to, the purchase of a Swinging-Bucket rotor are warranted only for the same period as the rotor for which the buckets are used.
7. Zonal rotor accessories purchased concurrently with, or subsequent to, the purchase of a zonal rotor are warranted only for the same period as the rotor for which the accessories are to be used.
8. In the event of a rotor failure, it shall be determined to Thermo Fisher Scientific’s satisfaction that the cause of the failure did not result from negligence, misuse or abuse, or failure to follow the manufacturer’s operating instructions. If Thermo Fisher Scientific determines that the cause of the failure resulted from negligence, misuse or abuse, or failure to follow the manufacturer’s operating instructions, this warranty shall be void.

(b) When a Thermo Scientific Ultracentrifuge Rotor is used in a Beckman or Kontron Centrifuge Ultracentrifuge:

For the applicable warranty time outlined above, Thermo Fisher Scientific warrants that the above referenced rotors will meet Thermo Fisher Scientific’s published specifications. In the event that a rotor fails to meet the published specifications, Thermo Fisher Scientific will reimburse the cost of repairing any Beckman Ultracentrifuge (L3 must have phototachometer modification) or Kontron Centrifuge instrument damaged due to the failure of a Thermo Scientific rotor under warranty.

The above warranty is conditional upon continuing to meet the qualifications listed in Paragraph (c) below (warranty of Beckman and Kontron rotors in THERMO SCIENTIFIC SORVALL ULTRACENTRIFUGES). Beckman has limited the authorized use of certain rotors in some of their ULTRACENTRIFUGES. The above warranty of Beckman rotors is not intended to exceed the authorized safe use of these rotors in certain classifications of Beckman ULTRACENTRIFUGES.

(c) When a Beckman Rotor is used in a Thermo Scientific Ultracentrifuge:

Thermo Fisher Scientific will assume the remaining terms and conditions of the rotor manufacturer’s warranty for all Thermo Scientific approved Beckman rotors specified for use in Class H instruments and Thermo Scientific approved Kontron rotors when used in THERMO SCIENTIFIC SORVALL ULTRACENTRIFUGES. (Contact your Thermo Fisher Scientific account representative for the list of approved rotors.)

Thermo Scientific Ultracentrifuge Rotor Warranty (cont'd)

Conditions:

1. A log book of rotor use must be adequately maintained in accordance with the requirements of the manufacturer and be available for inspection.
2. The rotor must be available for visual, X-ray or any other inspection deemed necessary by Thermo Fisher Scientific at the time of the assumption of the warranty by Thermo Fisher Scientific.
3. Satisfactory proof of existing warranty from original manufacturer for the Beckman or Kontron rotor to be warranted must be supplied to an authorized Thermo Fisher Scientific representative.
4. The user must maintain a log book of rotor use in accordance with Thermo Fisher Scientific's requirements.
5. Thermo Fisher Scientific assumes no obligation under this warranty and the warranty is void if repairs or modifications are made to the rotor without such repairs or modifications being brought to Thermo Fisher Scientific's attention in writing and receipt acknowledged.
6. This warranty is void if the rotor is (i) operated or maintained in a manner contrary to the instructions in the manual for the rotor or centrifuge in use, (ii) damaged due to causes external to the rotor such as, but not limited to, power failure or electrical power surges, (iii) subjected to misuse, abuse, negligence, accidents or event of force majeure, or (iv) subjected to normal wear and tear.
7. This warranty covers the rotor only and Thermo Fisher Scientific shall not be liable for the damage to accessories or ancillary supplies including but not limited to (i) tubes, (ii) tube caps, (iii) tube adapters, or (iv) tube contents.
8. The overspeed decal affixed to the rotor must be an approved type, free from excess wear, and changed to reflect any derating where appropriate. Thermo Fisher Scientific will impose any normal derating policy, as dictated by the manufacturer, and reserves the right to derate any rotor either temporarily or permanently as its experience dictates.
10. In the event of a rotor failure, it shall be determined to Thermo Fisher Scientific's satisfaction that the cause of the failure did not result from negligence, misuse or abuse, or failure to follow the manufacturer's operating instructions. If Thermo Fisher Scientific determines that the cause of the failure resulted from negligence, misuse, or abuse, or failure to follow the manufacturer's operating instructions, this warranty shall be void.
11. If a Beckman or Kontron rotor under warranty fails, Thermo Fisher Scientific will, at its option:
 - a. provide a comparable rotor manufactured by Thermo Fisher Scientific, or
 - b. make a payment to the user on the basis of rotor replacement price computation established by the manufacturer.
12. Should a THERMO SCIENTIFIC SORVALL ULTRACENTRIFUGE be damaged due to the failure of a rotor covered by this warranty, Thermo Fisher Scientific will supply free of charge, (i) all parts required for repair and (ii) if the instrument is currently covered by a Thermo Fisher Scientific warranty or service agreement, all labor necessary for repair of the ULTRACENTRIFUGE.

THE OBLIGATIONS CREATED BY THIS WARRANTY STATEMENT SHALL BE THE SOLE REMEDY OF BUYER IN THE EVENT OF A DEFECTIVE PRODUCT. THE WARRANTIES SET FORTH HEREIN ARE THE SOLE WARRANTIES, EXPRESS OR IMPLIED, GIVEN BY THERMO FISHER SCIENTIFIC IN CONNECTION WITH THE THERMO SCIENTIFIC SORVALL ULTRACENTRIFUGE ROTOR AND THERMO FISHER SCIENTIFIC DISCLAIMS ALL OTHER WARRANTIES, WHETHER EXPRESS OR IMPLIED, ORAL OR WRITTEN, WITH RESPECT TO THE PRODUCTS, INCLUDING WITHOUT LIMITATION ALL IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR ANY PARTICULAR PURPOSE, DESIGN, SUITABILITY FOR USE, INSTALLATION OR OPERATION, AND NONINFRINGEMENT OF THIRD PARTY RIGHTS.

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