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## HERMLE Labortechnik GmbH Centrifuges and Rotor Compatibility TubeSpin® Bioreactor 450

The following rotors of the centrifuge from Hermle are compatible for the TubeSpin® Bioreactor 450.





Underbench

ZK 496

**Floor-Standing** 







221.65 V20

621.000

616.102

Source: TPP/Hermle 1/3 Version 09\_2023

Note: TPP products are for research use only and not intended for use in clinical, diagnostic or therapeutic procedures. TPP does not assume any guarantee for damages and defects resulting from unregistered or improper use.



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Swing-Out Rotor		221.65 V20	
Bucket	Bucket Lid	Adapter	Capacity
621.000	616.102	220.70.133	4 x 87450









221.36 V20

616.200

616.102

Swing-Out Rotor		221.36 V20	
Bucket	Bucket Lid	Adapter	Capacity
616.200	616.102	220.70.133	4 x 87450

For more technical information on centrifuges, rotors and adapters from HERMLE Labortechnik GmbH  $\,$ 

please visit www.hermle-labortechnik.de and/or contact info@hermlelt.de.

Source: TPP/Hermle 2/3 Version 09\_2023

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## Technical Data TubeSpin® Bioreactor 450 / 600

Measurements	87450	87600
Volume graduation mL	450	600
Length mm	145	183
Diameter mm	96	100
Max. RCF x g	3'500	3′500
Form	conical	conical
Optimal filling volume mL	>300	>400
Shaker: Recom. orbit/shaking throw mm	50	50
Shaker: Recom. speed rpm	150	150
Screw cap "solid"	87355	87355
Screw cap "filter"	87356	87356

Source: TPP/Hermle 3/3 Version 09\_2023