



## 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**



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



**Z 446**



**Z 446K**



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](http://www.hermle-labortechnik.de) and/or contact [info@hermlelt.de](mailto:info@hermlelt.de).



**Technical Data**  
**TubeSpin® Bioreactor 450 / 600**

<b>Measurements</b>	<b>87450</b>	<b>87600</b>
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