

Rotors for the *Legend™* T

<i>Table 1: Rotors for Legend™ T</i> 100V / 120V (differences of 230V instruments are shown in parentheses)			
Rotor designation	Swinging Bucket Rotor 7500 6445 (7500 6434 with integrated locking mechanism)		
With bucket Order no.	Round bucket 750 ml 7500 6441	Rectangular bucket 250 ml 7500 6446	Carrier for microplates 7500 6449
Maximum permissible load [g]	4 x 800	4 x 750	4 x 500
Maximum speed $n_{\max}$ [rpm]	4150 (4350)	3750 (4350)	4150 (4350)
Maximum RCF value at $n_{\max}$	3696 (4083)	2986 (4020)	3061 (3364)
Radius (max.) [cm]	19.2	19.0	15.9
Acceleration / deceleration time [s]	60 / 30 (40 / 40)	60 / 30 (45 / 40)	50 / 25 (40 / 35)
Heating of samples at $n_{\max}$ [°C] relative to room temperature 23°C, run time 1 hour	7 (9)	7 (10)	4 (5)
Aerosol-tight *	yes (with cap 75006421)	yes (with cap 75006448)	no
Autoclavable	121°C	121°C	121°C

* Checked by TÜV (Technical Supervision Association) Product Service GmbH – Hamburg

<i>Table 1: Rotors for Legend™ T</i> 100V / 120V (differences of 230V instruments are shown in parentheses)			
Rotor designation	Swinging Bucket Rotor 7500 6445 (7500 6434 with integrated locking mechanism)		
With bucket Order no.	Tissue culture bucket 250 ml 7500 6497	Multiple carriers 25 x 5 / 7 ml 7500 6470	Multiple carriers 20 x 10 / 15 ml 7500 6471
max. tube dimension d ¹⁾ x l [mm]	61 x 180	14 x 120	17 x 140
Maximum permissible load [g]	4 x 325	4 x 400 25 x 16	4 x 520 20 x 26
Maximum speed n _{max} [rpm]	3750 (4350)	3750 (4350)	3750 (4350)
Maximum RCF value at n _{max}	3348 (4506)	2814 (3787)	3018 (4062)
Radius (max.) [cm]	21.3	17.9	19.2
Acceleration / deceleration time [s]	50 / 25 (35 / 35)	50 / 25 (40 / 40)	55 / 27 (45 / 40)
Heating of samples at n _{max} [°C] relative to room temperature 23°C, run time 1 hour	9 (11)	8 (10)	8 (10)
Aerosol-tight	no	no	no
Autoclavable	121°C	121°C	121°C

¹⁾d = diameter

<i>Table 1: Rotors for Legend™ T</i> 100V / 120V (differences of 230V instruments are shown in parentheses)			
Rotor designation	Swinging Bucket Rotor 7500 6445 (7500 6434 with integrated locking mechanism)		
With bucket Order no.	Multiple carriers 17 x 15 ml 7500 2023	Multiple carriers 7 x 50 ml 7500 2024	
max. tube dimension d ¹⁾ x l [mm]	17 x 120	29.5 x 120	
Maximum permissible load [g]	17 x 29	7 x 85	
Maximum speed n _{max} [rpm]	3750 (4350)	3750 (4350)	
Maximum RCF value at n _{max}	3034 (4083)	2987 (4020)	
Radius (max.) [cm]	19.3	19.0	
Acceleration / deceleration time [s]	60 / 35 (45 / 40)	60 / 35 (45 / 40)	
Heating of samples at n _{max} [°C] relative to room temperature 23°C, run time 1 hour	8 (14)	8 (14)	
Aerosol-tight	no	no	
Autoclavable	121°C	121°C	

¹⁾d = diameter