

**KA 12.500**

U.S. Patent #5,362,301

# KOMPspin® Fixed Angle Carbon Fiber Rotor

For use with most high/super speed centrifuges



## Product Features:

- ◆ Lightweight—much easier to lift and handle than comparable metal rotors, less wear on centrifuge drive
- ◆ Carbon fiber—not corroded by laboratory chemicals, less frequent need for replacement
- ◆ Saves time—faster acceleration and deceleration, shorter run times
- ◆ Seven Year Warranty—with no deration
  - ◆ Autoclavable
  - ◆ Biocontainment—dual locking lid option

## Product Specifications:

Maximum Speed	12,000 rpm
Maximum Sample Density	1.2 g/mL
Relative Centrifugal Force (RCF) at maximum rpm:	
At R <sub>max</sub> (139.7 mm)	22,500 x G
At R <sub>avg</sub> (82.7 mm)	13,300 x G
At R <sub>min</sub> (25.8 mm)	4,200 x G
K-factor at maximum rpm	2,968
Number of bottles†	4
Nominal dimensions of largest bottles	70 x 160 mm
Nominal bottle capacity	500 mL
Nominal rotor capacity	2 L
Weight (empty)	9.1kg (20 lbs)
Angle	23°

## Major Applications:

Large volume fixed angle rotor for pelleting of bacterial cells from cell cultures, subcellular organelles and protein precipitates



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†Use of approved centrifuge bottles is allowed. The user is responsible for proper use of the bottles according to the manufacturer's instructions and use of correct adapter if necessary.