

# Centrifugal Force Conversion

## Centrifugal Force Conversion

$$\text{rpm} = 1,000 \sqrt{\text{RCF}/1.12r}$$

$$\text{RCF} = 1.12r(\text{rpm}/1000)^2$$

rpm=revolutions per minute

RCF=relative centrifugal force  
( $\times g$ )

r=radius of rotor in mm

## UV Spectrum

UV-C: 180-280 nm

UV-B: 280-315 nm

UV-A: 315-400 nm

## High Speed Centrifuges

Manufacturer / Centrifuge	Rotor	rmax (mm)
Beckman	JA-10	158
	JA-14	137
	JA-17	123
	JS-13	141
Sorvall	GSA	146
	GS-3	151
	SS34	107