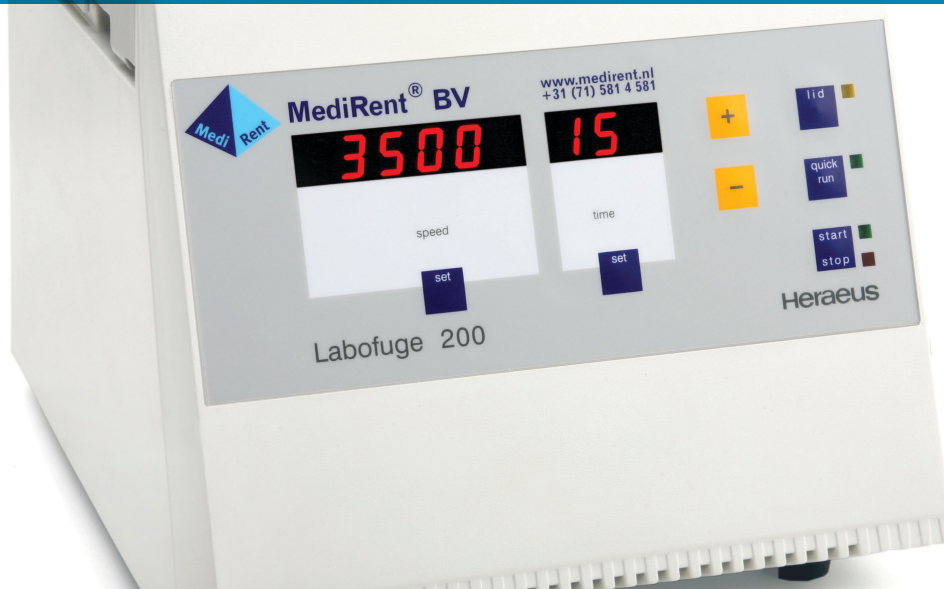


# LABOFUGE 200

## G-Force / RPM conversion chart



<b>Max. Capacity:</b>	12x15 ml
<b>RCF / G force (in x g):</b>	3.030 x g
<b>Temperature:</b>	Ambient
<b>Rotor:</b>	Backlit 1/4 VGA LCD, 3-channel lead groups or 8-channel view

RPM	G-Force
1600	276
2000	431
2500	674
3000	971
3500	1321
4000	1726
4500	2184
5000	2697

### RPM

RPM stands for "rotations per minute" and is the way manufacturers describe the speed at which a centrifuge is rotating. The rotor, regardless of its size is travelling that fast on its axis. The force applied to the tubes and their contents varies by the size of the centrifuge rotor.

### RCF

RCF stands for "relative centrifugal force" and is measured in gravity x force, or g-force. This is the actual force exerted on the contents of the spinning rotor. It is RCF, or the force applied, that separates aqueous solutions in the centrifuge. RPM is calculated using the following equation:  
 $CF = 1.1118 \times 10^{-5} \times r \times RPM^2$

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