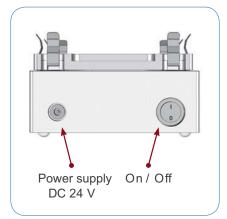
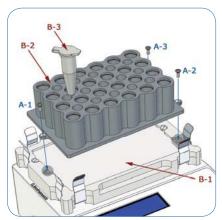
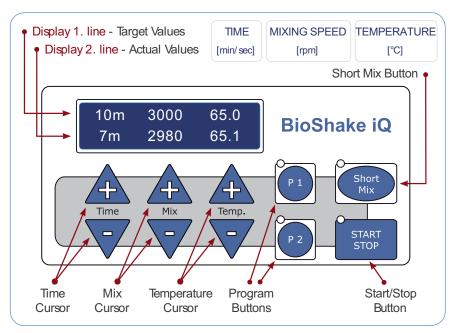
BioShake iQ Quick Start Guide

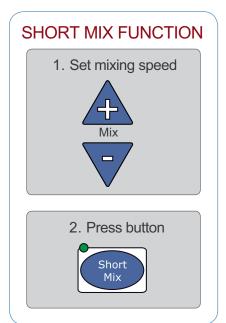


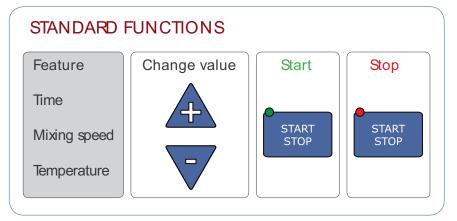


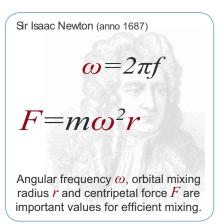
*Note - You must remove the thin adapter plate protecting B-1 before installing the block (B-2)





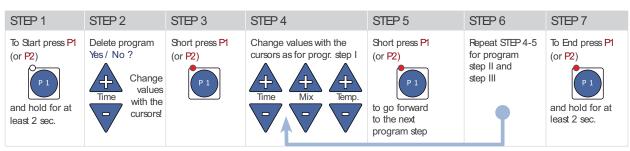








PROGRAMMING P1 and P2



TO RUN THE PROGRAM

Program P1 (or P2)	activated	START	STOP		deactivate
Short press P1 (or P2)	P 1	Short press START STOP	Short press START STOP or	If you do not press Start/ Stop, the program will stop, when it is finished.	Short press P1 (or P2)

RECOMMENDED MIXING SPEEDS

For MICROPLATES depending on filling volume/well [%] for diluted fluids

Filling volume	96-well (standard)	384-well (standard)	384-well (small-vol.)	1536-well (standard)
10 %	1800 - 2200 rpm	2200 - 2600 rpm	2800 - 3000	2800 - 3000
25 %	1600 - 2000 rpm	2000 - 2400 rpm	2400 - 3000	2600 - 3000
50 %	1400 - 1800 rpm	1800 - 2200 rpm	2200 - 2600	2400 - 2600
75 %	1200 - 1600 rpm	1600 - 2000 rpm	2000 - 2400	2200 - 2600

For TUBES depending on filling volume/well [%] for diluted fluids

Filling volume	0.2 ml tubes	0.5 ml tubes	1.5 ml tubes	2.0 ml tubes
25 %	1400 - 1800 rpm	1200 - 1600 rpm	1000 - 1300	1000 - 1300
50 %	1200 - 1500 rpm	1100 - 1300 rpm	1000 - 1200	900 - 1200
75 %	1000 - 1300 rpm	1000 - 1200 rpm	900 - 1100	900 - 1100

SAFETY













IMPORTANT NOTES:

- Do not operate the device in rooms where work is being carried out with explosive substances.
- Do not use this device to process any explosive, radioactive or highly reactive substances.
 Do not use this device to process any substances, which could create an explosive atmosphere.
- Danger! Electric shock from damage to device/ power cable. Danger! Lethal voltages inside the device.
- Warning! General hazard point.
- Warning! Injury from rapidly rotating holder. Injury from rapidly rotating imbalance compensation. Injury from flying tubes and plates.
- Warning! Injury from sample material being flung out. Injury from incorrect vortexing.
- Warning! Damage due to incorrect power supply.
- Caution! Damage to the display from mechanical pressure. Severe vibration.
- · Caution! Damage to electronic components caused by spilled liquids. Damage to electronic components from condensation.
- Caution! Poor safety due to missing operating manual. Caution when using aggressive chemicals.
- Please start even with minimal mixing frequencies to avoid overloading.
- · Only mix in sealed tubes and plates. Sample material can be flung out of open, inadequately sealed or unstable tubes and plates
- · When working with hazardous, toxic and pathogenic samples, always comply with the nationally specified safety environment.
- Pay particular attention to personal safety gear (gloves, clothing, glasses etc., the extraction hood and the safety class of the laboratory.

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