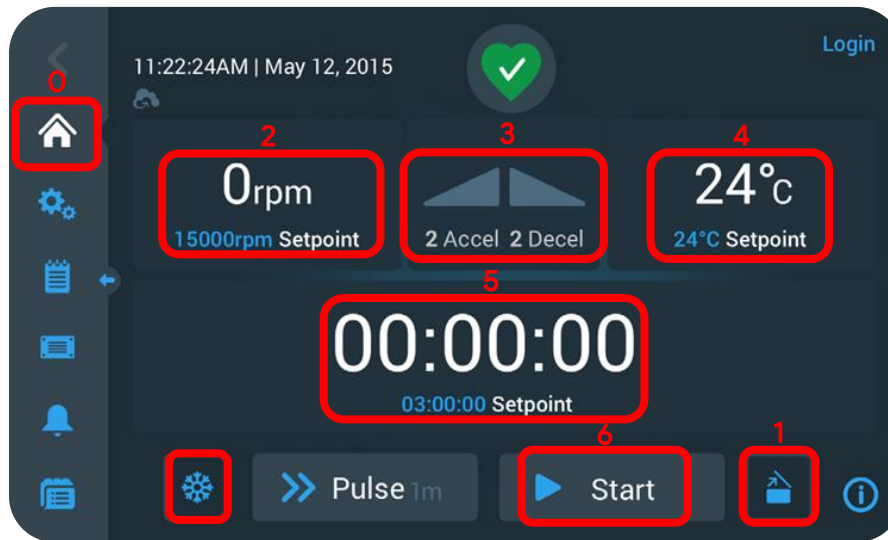
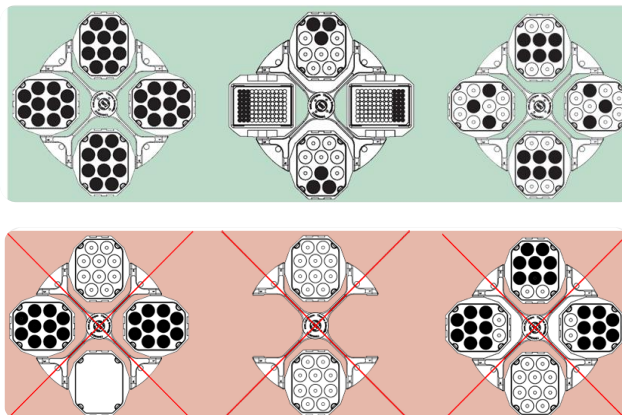


Sorvall X4R Set-Up Instructions



1. Go to home screen (0).
2. Press (1) to open door.
3. Set rotor (automatically detected by centrifuge).
4. Load samples properly (symmetrically) (see images below).
You must situate the swing bucket on rotor even if empty and counterbalance using water samples.
5. Set speed by pressing (2)
6. Set acceleration/deceleration profile by pressing (3).
7. Set temperature by pressing (4), pre-temp by pressing the snowflake.
8. Set runtime by pressing (5).
9. Start the run by pressing (6).
10. Once finished: keep centrifuge door opened to allow moisture evaporation and prevent ice buildup (moisture can cause rusting, oxidation, and corrosion). Refrigeration system will automatically turn off.
11. Turn off power switch, located on rear left corner



Correct symmetric sample/tray loading in green (1st image), incorrect sample/tray loading in red (2nd image).

Rotor Loading

TX-1000 Rotor Loading Instructions (Swing Bucket)

1. **Max weight difference between two adjacent buckets is 200 grams.**
2. When using 2 adaptors, fill the other 2 with water to counterbalance.
3. All opposing sides must be loaded equally.
4. Max speed: 4,200 RPM



TX-1000 Swing Bucket Rotor, Adaptors Available

Adaptor Name	1000 mL Bio-Bottle (4 units)	750 mL Bio-Bottle (4 units)	50 mL conical tubes (4 units)	15 mL conical tubes (4 units)	Microplate carriers (2 units)
					
		Max 3,600 RPM			

Fiberlite F13-14 x 50c Rotor Loading Instructions (Fixed-Angle)

1. Open lid by turning handle counterclockwise, **do not press green auto-lock key which will unlock rotor from drive shaft.**
2. Directly load 50 mL tubes, or 15 mL tubes with adaptors, balance as usual. PBCF offers eight 15 mL adaptors.
3. Close lid by turning clockwise.
4. Max speed: 9,250 RPM at 25°C, 8,600 RPM at 4°C; Max load: 14 x 75 g

