



PCR DEVICE USER MANUAL

Welcome to the world of molecular biology with your very own PCR device. This manual will serve as your comprehensive guide to navigate through the exciting realm of DNA amplification and molecular research. Whether you're a seasoned scientist or a beginner in the field, this manual is here to assist you in harnessing the power of PCR technology.

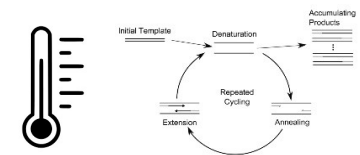
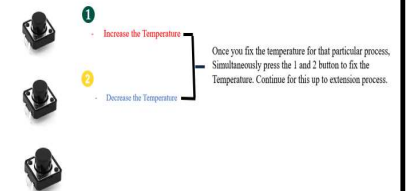
POWER ON:

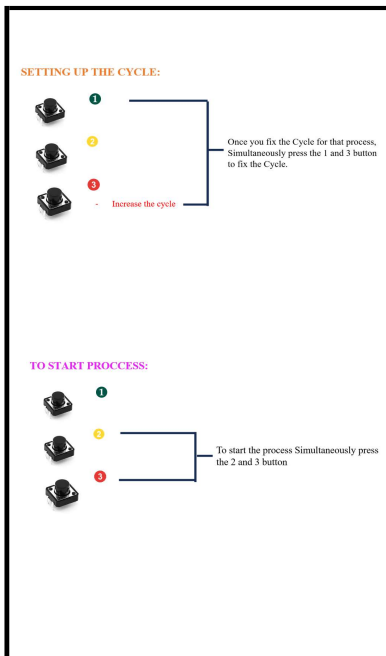
To turn on the PCR device, connect the cable extending from the bottom of the device to an electrical outlet on the switchboard. Please prioritize safety during this process.

CONNECTION MODE:

After powering up the device, the LCD display at the top of the device will illuminate. This signals that your PCR device is now operational and ready for use. Congratulations!

SETTING UP THE TEMPERATURE FOR THE PCR PROCESS:





COMPLETING DEVICE OPERATION:



Once all processes are finished, the device will undergo a cooling phase, and a buzzer will alert you, indicating that the PCR product is now prepared.

Product Extraction: Carefully open the PCR device and extract the PCR product, which may be in the form of sample tubes or plates. **Storage:** Depending on your experimental needs, store the PCR product at the recommended temperature



SPECIFICATIONS:

Height of Device	
Length of the Device	
Breadth of the Device	
Dimension of PCR block	5*5 cm
Battery	12V 2A SMPS
Peltier Device	TEC1-127706
Forward and Reverse Drive	Relay Module (DC 12V)
PCR tube	0.2ml tubes with flat cap

WARNINGS:

*Strictly follow the provided instructions for operating the PCR device to ensure accurate and safe results.

*Avoid using the device in extreme temperature conditions, as this may affect its performance. Maintain the recommended operating temperature range

*Keep the PCR device away from any contact with water or moisture, as exposure can result in equipment malfunction and damage.