





For the full user manual and support visit www.redetec.com/support

PROTOCYCLER GENERAL SAFETY PRACTICES

ProtoCycler is a device that contains hazardous mechanisms and should be operated with caution. It is strongly recommended that you read the entire safety guide and full user manual before first time operation.

If improperly melted, plastics may emit fine particles or toxins into the surrounding air. Unknown polymers may contain components that are highly toxic and harmful to your health. Thus, proper ventilation and knowledge about the plastics being used is an absolute must.



 	 CAUTION
	<p>ProtoCycler is not intended for use by children</p> <p>Thoroughly read the quick-start and safety guides before using for the first time</p> <p>Unplug device power when unused for extended periods of time</p>

	 CAUTION
	<p>FUMES MAY CAUSE IRRITATION</p> <p>Always operate ProtoCycler in a well ventilated area</p> <p>Never mix polymers (ABS, PLA) and only use polymers approved by ReDeTec.</p> <p>Unknown polymers should never be used</p>

EXTRUSION SAFETY PRACTICES



The Extruder nozzle and emitted molten plastic may reach temperatures up to 260° C, which can cause severe burns to body parts. Always use the supplied tools and exercise extreme caution while interacting with the nozzle or molten plastic during normal operation and while changing nozzles.



	 WARNING
	<p>HOT SURFACE!</p> <p>Touching the nozzle or molten plastic may cause severe burns</p> <p>Always use tweezers or pliers to manipulate molten plastic</p>

	 WARNING
	<p>HOT SURFACE!</p> <p>Touching the nozzle or molten plastic may cause severe burns</p> <p>Always use a wrench and wear gloves while changing nozzles</p>

GRINDER SAFETY PRACTICES

While the grinder does contain interlocking mechanisms to prevent forward operation while the lid or drawer are removed, the grinding wheels are sharp and may be turned in reverse at any time. Sharp edges may cut skin while stationary or in reverse motion, and loose articles like hair or clothing may still get caught in the wheels during reversal. Always pay attention and exercise caution while interacting with the grinder in any way.

	 WARNING
	<p>SHARP OBJECT!</p> <p>Grinder Teeth may be very sharp and can cut skin</p> <p>Use caution while loading and unloading grinder feed area</p>

	 WARNING
	<p>MOVING PARTS CAN CRUSH</p> <p>While reversing, grinder wheels may still catch objects, causing damage or injury</p> <p>Keep hands, clothes, and hair away from grinder while operating in either direction</p>