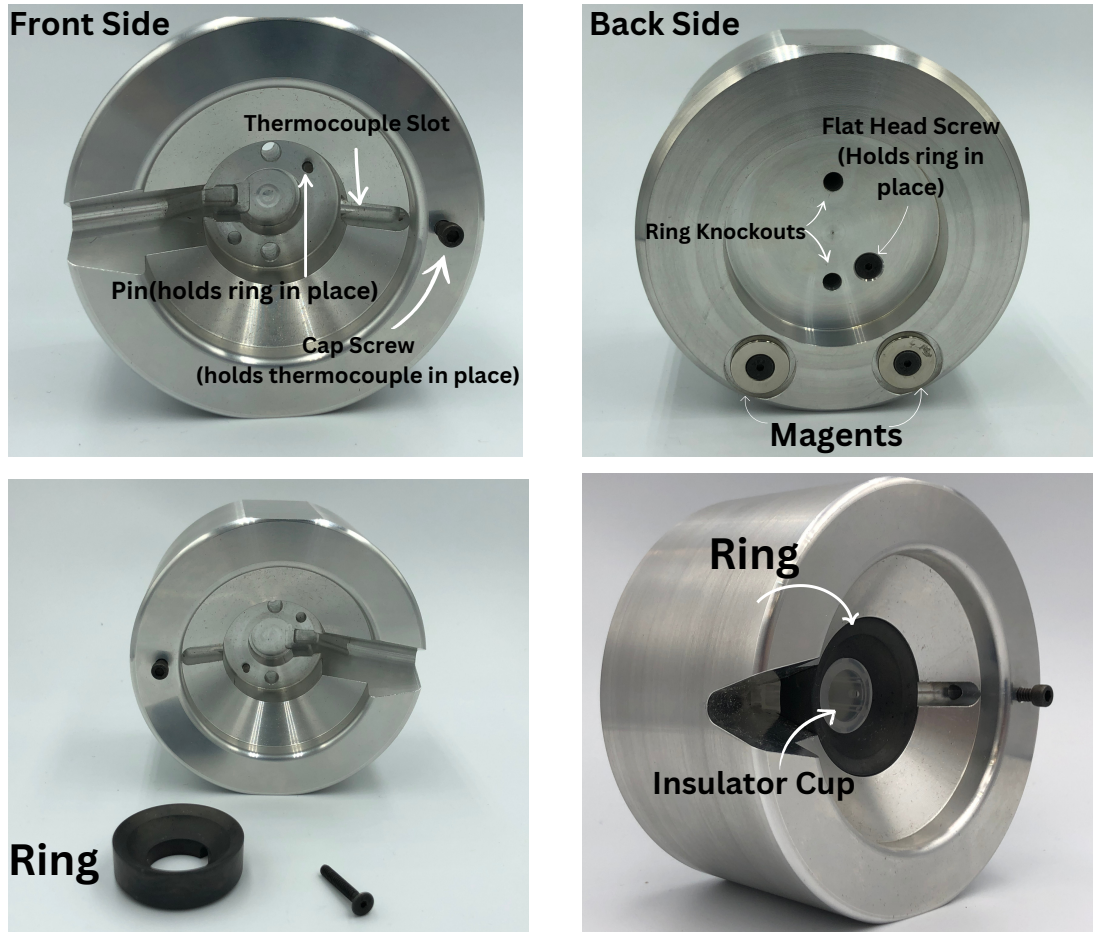


MTMS,LLC

Melt Temp Measurement Systems: Precision with every Degree

To view instructional video or to order additional kits, replacement cups or parts visit: www.plasticmelttemp.com



Initial Setup

- Run the press for 10-15 minutes in auto mode to stabilize melt.
- Remove the flat head cap screw from the back side of the purge puck to remove the ring from the purge puck.
- Load the insulator cup into the purge puck. Orientate and center the .080 hole in the cup to the thermocouple slot in the purge puck.
- Replace the flat head cap screw to hold the ring in place,
 - NOTE: ring will still remain in place without the screw. Not using the screw will speed up the time to remove the purge. Important to remove purge under 1 minute to prevent damage to the probe.

Directions

- Insert the pyrometer probe into the purge puck assembly .080 diameter hole. Insert the probe all the way to the **stop** on the outside of the purge puck. Tighten socket head cap screw to prevent probe from backing out. Use included Allen wrench to tighten snug.
- Plug the thermocouple probe into the pyrometer. Turn the pyrometer on and hit “Max.”
 - **IMPORTANT:** Make sure the pyrometer is in “**K**” mode for an accurate reading.
- Once the process is stable, set the press to manual and retract the barrel.
- Open the purge guard and insert the purge puck assembly into the locating ring hole. The 3.98 OD of the purge puck locates the assembly directly in line with the injection unit. The assembly also located the temperature probe in the effective flow area of the shot.
- Run barrel forward until it contacts the purge puck assembly.
- Manually inject one full shot into the puck assembly. Record the peak temperature. To reset the Max setting for the next shot, press and hold the Max button for 2 seconds.
- Retract the barrel and remove the purge puck assembly.
- Remove the probe from the purge assembly. Loosen the cap screw and pull it straight out. Then push out the hardened insert and remove the purge from insert.
 - **IMPORTANT:** pull the probe out of the assembly fairly quickly so the molten material doesn't solidify around the probe.(<one minute)
 - **TIP:do not use ring screw to speed up the process of removing purge.** It will stay molten for a short time due to the insulating
 - properties of the insulator cup.
Recharge screw to shot size, bring barrel back to the
- mold. Start recycling again.

MTMS,LLC recommends wearing heat resistant gloves and arm guards when loading and removing assembly.

MTMS,LLC

4451 Woodgate Dr. Suite 150 Janesville,WI 53546

www.plasticmelttemp.com