

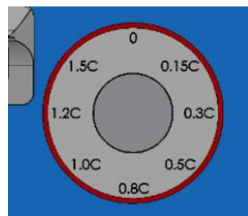
Instruction Manual

*How to Operate the Machine

1. Press the power button located on the side of the machine.
2. Check if the tool is rotating, then begin the operation.

* Chamfer Amount (C) Adjustment Guide

1. Turn the handle on the right side to position the red dot at the desired machining dimension.
2. Chamfer Amount Selectable: 0.15C, 0.3C, 0.5C, 0.8C, 1.0C, 1.2C, and 1.5C.



* End Mill Adjustment Guide

1. Set the yellow indicator on the front to point to 1 (for initial use)
2. When the dedicated end mill wears out, turn the red dial on the front clockwise. Each one-half rotation moves it by 1mm.
3. End mill's lifespan allows for up to 22 indications on the indicator.
4. Lifespan may vary depending on the operating conditions.
5. Must use the dedicated end mills sold by SD MEACTEC.



* How to Adjust the Cutting Fluid Nozzle

1. Connect the MAIN AIR located on the back.
2. Open the MAIN VALVE located on the back.
3. Adjust the spray volume (Air and fluid) using the control valve on the top side.
4. Open the machining worktable and check the amount dispensed from the nozzle.
5. Adjust the spray volume to dispense at a lower rate.

* CAUTION: Excessive fluid spray may cause it to drip downward.



* Cutting Fluid Tank Management Guide

1. Check the cutting fluid level by observing the liquid column gauge on the back.
2. Turn the back COVER to reveal the internal TANK.
3. Open the CAP on the top of the TANK and refill the cutting fluid.



WARNING

- Opening the workable cover or disassembling while the tool is rotating may cause accidents.
- Do not exceed the continuous operation time(1 hour), as extended use may cause stress on the motor.
- Modifying or disassembling the equipment is strictly prohibited to prevent safety hazards.

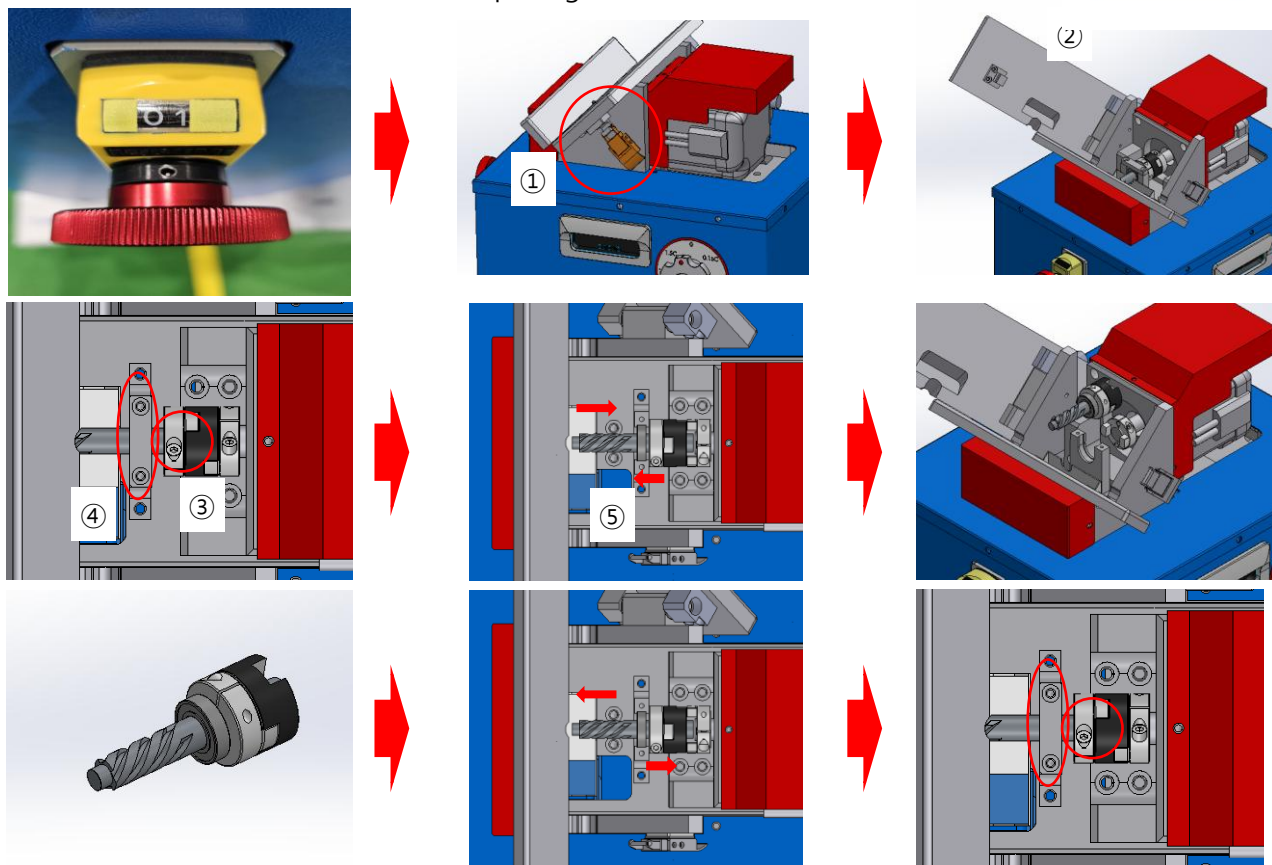
Instruction Manual

* Tool Replacement Guide

1. Rotate the yellow indicator on the front counterclockwise until it reaches 1.
2. Loosen the latch on the right side of the worktable(①) and open the machining worktable(②).
3. Loosen the coupling(③) and disassemble the bearing plate cover(④).
4. Disassemble the coupling part. (*excluding the motor side)
 - Do not disassemble the motor side part.
 - Disassemble the end mill side part and the black connector in the tool direction(⑤).
5. Pull the end mill toward the motor.
6. Lift the end mill and the bearing.
7. Replace the end mill and reassemble in the reverse order.
8. Refer to YouTube for instructions on replacing the endmill.

LC1000A

Tool Replacement Video



WARNING

- Please Use the dedicated END MILL for tool replacement.
- When replacing the tool, check if the BEARING rotates smoothly. If it does not, please replace it.
- Bearing Model: 688ZZ(tool tip), 6901ZZ(tool middle part)