

# Operating Manual

## Manual Cup Sealing Machine

### Model No: MCS-01

Figures 1, 2 and 3 shown below will familiarise you with the various components that make up the MCS-01.

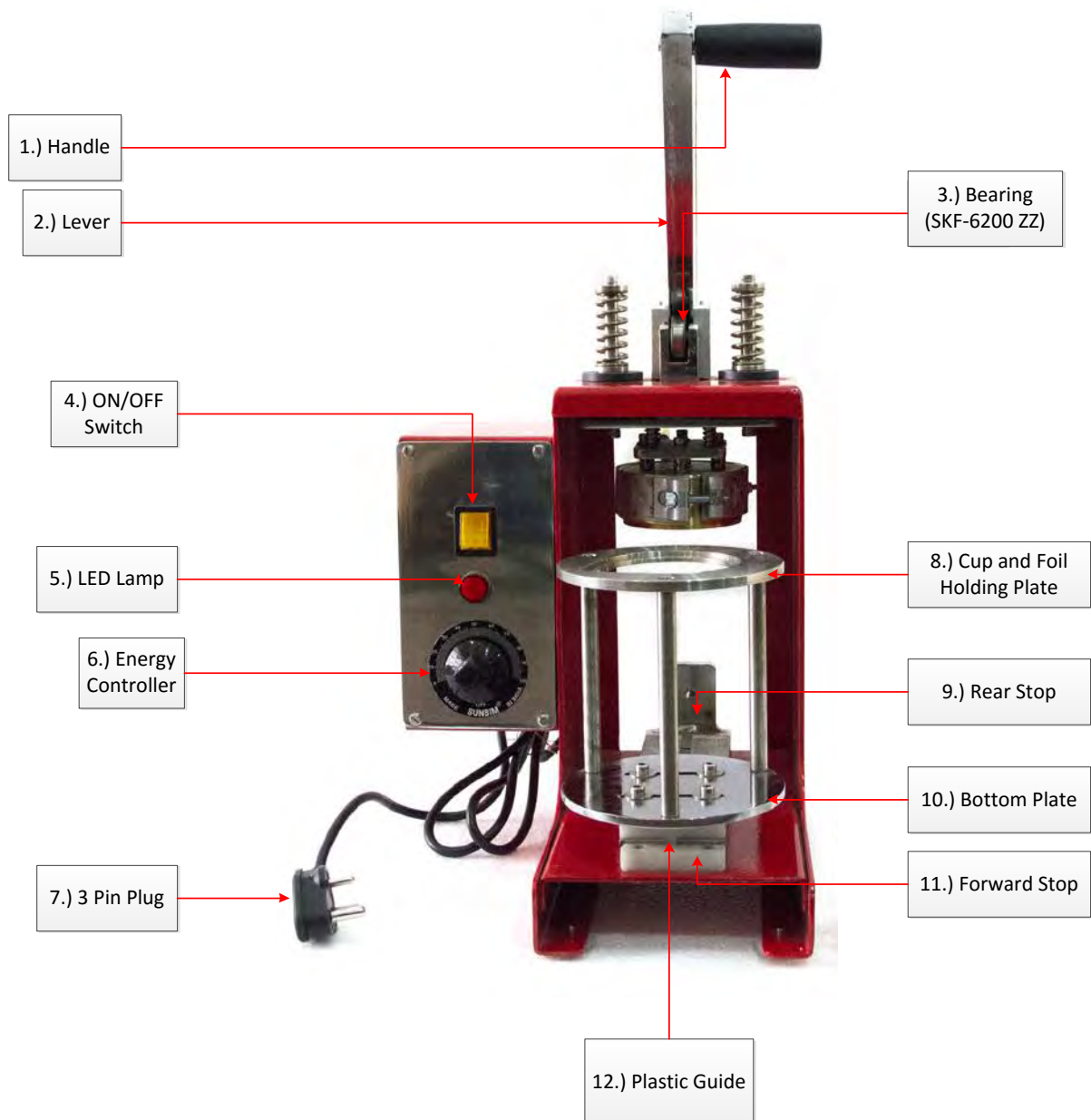


Figure 1: Component Descriptions 1-12



Figure 2: Component Descriptions 13-16

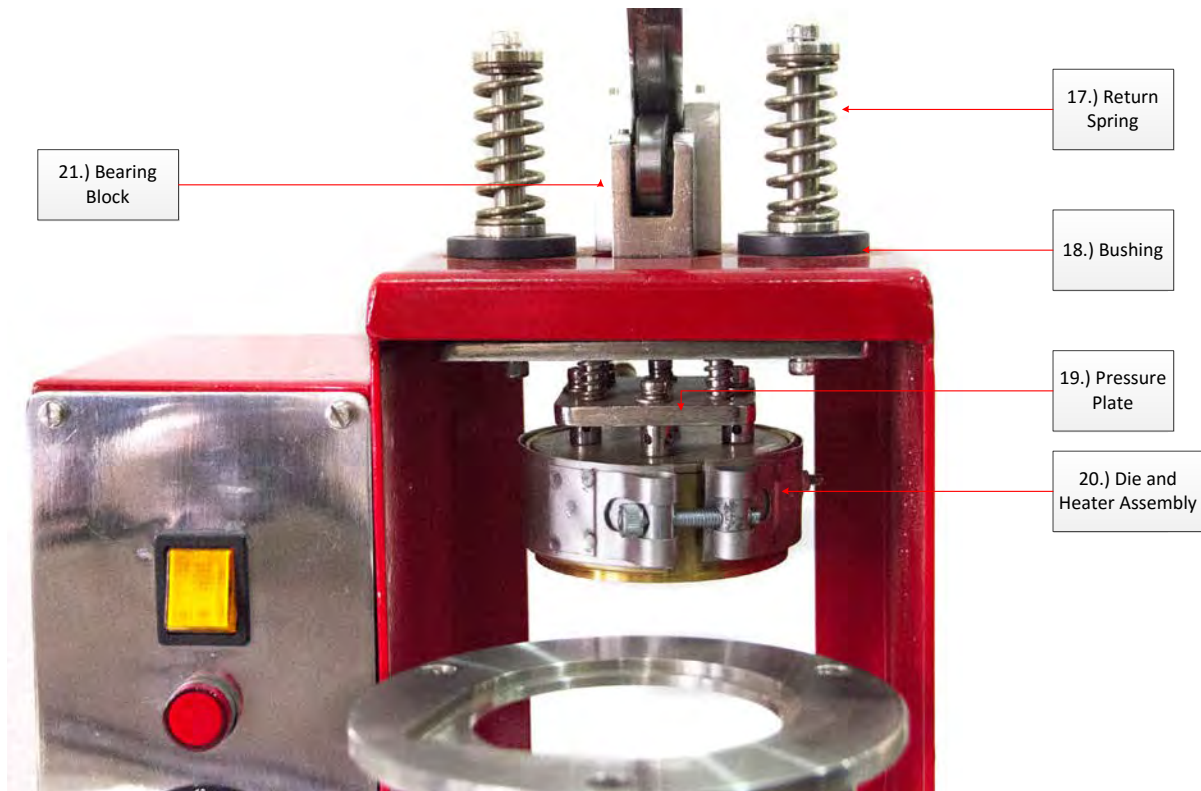


Figure 3: Component Description 17-21

### Starting Instructions

- Use the pillar rod (Part No: 16) to orient the cup holding assembly according to figure 2.
- Plug the socket into a 220V supply.
- Ensure that the earth terminal is secure.
- Turn on the machine using the ON/OFF switch (Part No: 4)
- Rotate the energy controller (Part No: 6) knob from its initial position to the position reading 90 on the scale.
- The LED Lamp (Part No: 5) should turn on.
- Wait for around 5-8 minutes till the lamp turns off.
- Once the lamp turns off rotate the energy controller knob to the position reading 70 and begin using the machine. (Keep it at this setting throughout the production run)

### Operating Instructions

- Place the filled cup into the holding plate (Part No: 8)
- Place the aluminium foil into the same plate
- Push the cup holding assembly backwards using the pillar rod until it touches the rear stop (Part No: 9)

- Using the handle (Part No: 1) as a grip, pull the lever (Part No: 2) down until the heating die (Part No: 20) comes in contact with the foil.
- Once in contact, apply enough pressure to compress the springs in the pressure plate (Part No: 19) by 1-1.5mm.
- Hold this position for up to 2 seconds and then release the pressure allowing the lever to return to its previous position.
- Pull out the cup holding assembly until it reaches the forward stop (Part No: 11)
- Make sure that the seal is uniform through visual inspection and remove the cup from the holding plate.

### ***Precautions***

- The die and heating assembly reaches temperatures of up to 160-185 degrees Celsius, the operator should **NOT** therefore place their hands on this assembly while the machine is in operation.
- After switching off the machine leave it idle for 10 minutes to allow all the heat to dissipate before handling it.
- While cleaning the machine, disconnect the machine from mains.
- Ensure that there is no spillage of water or any liquids on the machine.
- Do not try to seal cups that do not confirm to the size intended for; you will need to change the holding plate (Part No: 8) and die and heater assembly (Part No: 20) accordingly.

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