

Operation Instruction

Clean and remove remaining sample in crushing cavity and sample box when the equipment is disconnected from facility power.

Before operation

1. Check if the equipment runs in a correct direction and select sieve plates at desired granularity.
2. Check if the upper and lower crushing cavity is locked.
3. Clean the sample receiving box and lock it after loading.
4. After all preparation work, switch on the equipment and get ready for sample preparation.

Operation

1. Press the green button to run the equipment.
2. Open feed hopper lid when it runs normally. Feed samples to be crushed into feed hopper.
3. Hold operating handle to feed sample into crushing cavity uniformly. Do not feed too fast or too much.
4. Stop crushing when sample box is filled with samples and transfer them into mixing area. Reload the sample box and start crushing. Repeat the above steps until all samples are crushed.
5. After all samples are crushed, disconnect equipment from facility power. Open crushing cavity and remove

sample residue inside cavity and sample box.

Hazards

1. Do power off the equipment when opening the crushing cavity or replacing sieve plates.
2. Do NOT put hands into top hopper to clean sample when it's running.

Daily Maintenance

1. Clean remaining sample on the surface or inside of equipment after each operation.
2. Check the grease cup on two bearings of rotor assembly every two months. Fill lubricating oil as necessary.

The filling interval is determined by operation intensity.

3. Check the V-belt every three months. The wearing or aging belt may cause slip during operation.
4. Check the sieve plate and hammer. Replace it when necessary.