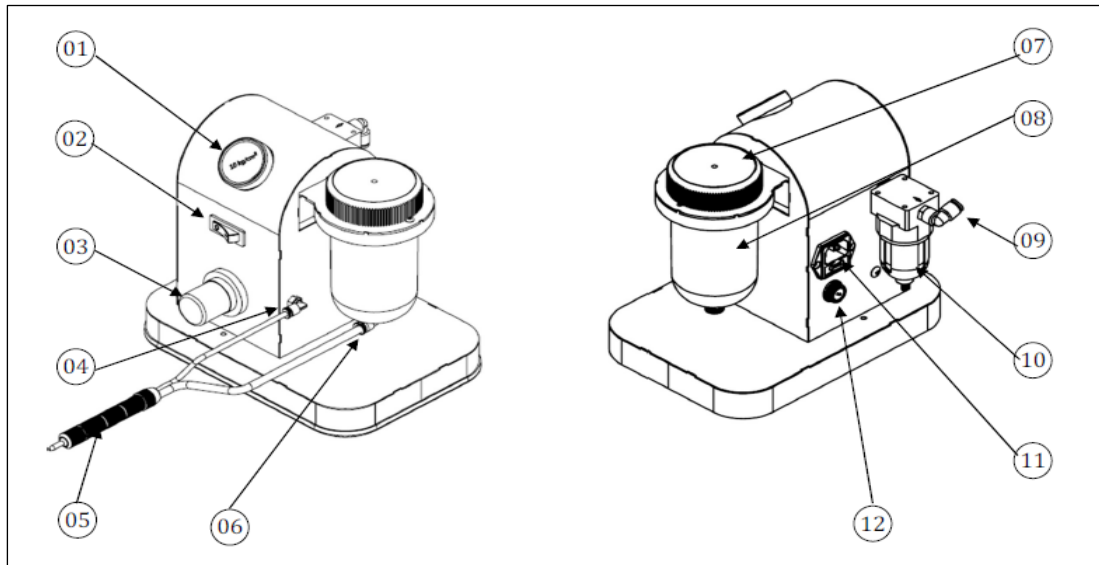


Operating Instructions For Ikohe Mobile Sandblaster & Viewing Cabinet with Dust Collection

Part I – Mobile Handheld Sandblaster Unit



- | | |
|------------------------|-----------------------|
| 1. Pressure Gauge | 7. Sand Tank Lid |
| 2. Power Switch | 8. Sand Tank |
| 3. Pressure Reg Knob | 9. Air Supply Inlet |
| 4. Blast Pen Air Inlet | 10. Water Filter |
| 5. Blast Pen | 11. Power Cord Socket |
| 6. Blast Pen Inlet | 12. Fuse |

Important Safety Notes:

1. Only trained and experienced personnel should operate this machine.
2. Before each use, check that all hoses and connections are securely connected.
3. Inspect all machine components regularly.
4. If the machine will not be used for an extended period, remove the abrasive material to prevent clumping.

Operating Instructions

1. Basic Equipment Setup

- 1-1. Plug the power cord into the power socket (No. 11). Connect the air hose to the air supply inlet (No. 9). Insert the foot switch plug into the foot switch socket.

1-2. Connect the blast pen air hose to the blast pen air inlet (No. 4). Connect the blast pen abrasive hose to the blast pen abrasive inlet (No. 6).

1-3. Adjust the pressure regulator:

- a. Pull the regulator knob upward to unlock.
- b. Turn clockwise to increase pressure.
- c. Turn counterclockwise to decrease pressure.
- d. Recommended blasting pressure: 3–4 kg/cm².

1-4. Turn on the power switch (No. 2). When the LED indicator lights up, the machine is ready for operation.

2. Sandblasting Operation

2-1. Unscrew the sand tank lid (No. 7) and add abrasive material. Recommended fill level: approximately half of the tank height.

Important: Always sieve the abrasive material before filling to prevent clumping and hose blockage.

2-2. Hold the blast pen and place it inside the included dust collection viewing chamber cabinet.

2-3. Hold the workpiece with your left hand, hold the blast pen with your right hand, and press the foot switch to begin sandblasting.

2-4. Maintain a distance of approximately 3 cm (1.2") between the nozzle and the workpiece for best results. Too close or too far may cause uneven blasting.

3. Nozzle Replacement Procedure

3-1. Loosen the set screw on the side of the blast pen.

3-2. Remove the nozzle and take off the O-ring seal.

3-3. Install the O-ring onto the new nozzle and insert the nozzle into the blast pen.

3-4. Tighten the set screw securely.

Troubleshooting:

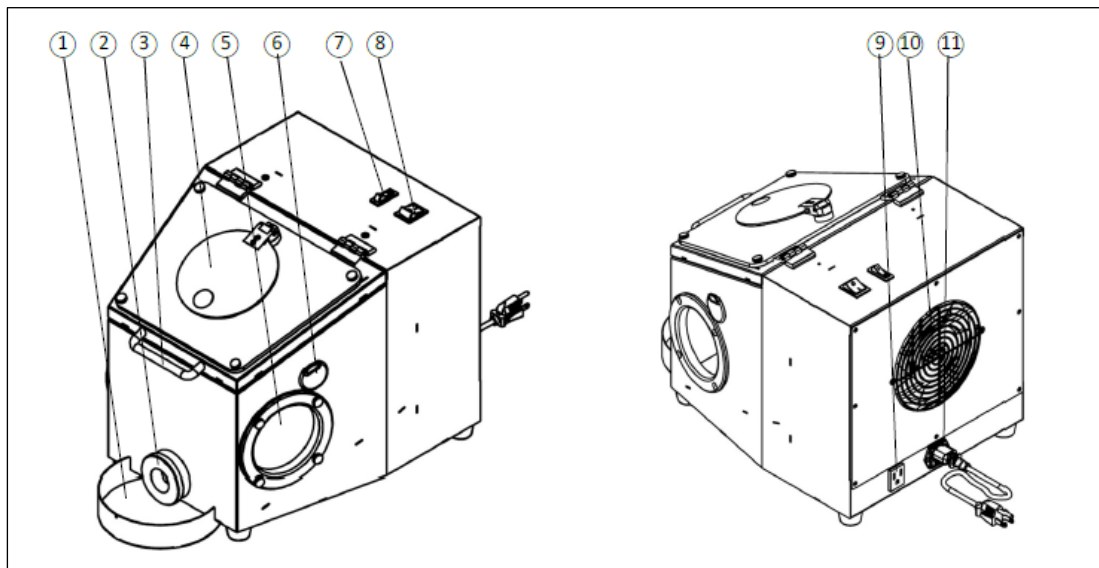
1. Sandblasting Power is Weak
 - a. Adjust the pressure regulator.
 - b. Check air hoses for leaks and ensure all connections are secure.
 - c. Check for blockage inside the blast pen nozzle.
 - d. If the issue persists, contact Ikohe for further assistance.

2. Machine Will Not Start
 - a. Confirm the power cord is properly connected.
 - b. Check whether the fuse is blown.
 - c. If the issue persists, contact Ikohe for assistance.

Note:

Should the fuse needs to be replaced, the fuse holder is located below the power socket. Use a flat-head screwdriver to open and inspect the fuse.

Part II – Viewing Cabinet & Collection Unit



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|------------------------|---------------------|
| 1. Collection Tray | 7. Filter Switch |
| 2. Media Drain Plug | 8. Power Switch |
| 3. Handle | 9. Connection Inlet |
| 4. Magnifier 2X/4X | 10. Cooling Fan |
| 5. Protection Glove(s) | 11. Power Inlet |
| 6. Working Area/Hole | |

Important Safety Notes

1. Please read this manual carefully before using the equipment.
2. This equipment must not be operated by children.
3. Use only the specified voltage for this machine to avoid damage or danger.

Equipment Installation Instructions

1. Main Unit Setup; Before assembling or operating the unit, confirm the following conditions:

1. The exterior and all hoses show no visible damage.
2. The power is switched OFF.
3. The dust filter is properly installed.

Once the above conditions are confirmed, proceed with setup.

1. Plug the power cord into the power inlet.
2. Press the Power Switch to turn the unit ON.
3. Press the Fan Switch to activate the exhaust fan; suction will begin immediately.

Equipment Operation Instructions & Maintenance

1. General Operation; Starting the Equipment

1. Press the Power Switch; the LED indicator will illuminate.
2. Confirm the filter is installed, then turn on the exhaust fan.
3. Lift the top cover and place the workpiece inside the cabinet.
4. Open the hose port cover and insert the sandblasting pen or rotary handpiece through the hose port.
5. After completing the operation, lift the top cover and remove the workpiece.

2. Routine Maintenance Instructions; Cleaning the Interior Chamber, When to Perform

1. Before changing abrasive media
2. When excessive media has accumulated inside the cabinet

Steps To Take To Clean Chamber:

1. Open the top cover and use a brush to sweep abrasive media from the side walls down to the bottom.
2. Place the media tray in front of the cabinet.
3. Open the media drain plug and brush the media toward the drain opening, collecting it in the tray.
4. Securely close the drain plug and close the top cover to complete cleaning.

3. Filter Replacement; When to Perform

1. When the filter becomes clogged and suction efficiency is reduced

Steps To Take To Replace Filter:

1. Turn OFF the power to the sandblasting unit.
2. Open the top cover, loosen the thumb screws on the baffle plate, lift the filter by the side tabs, and remove it.
3. Insert a new filter with the black filter foam facing the operator, then seat it properly in the filter slot.

4. Glove Replacement; When to Perform:

1. When gloves become sticky, deteriorated, or torn

Steps To Take To Replace Gloves

1. Loosen the retaining screws and remove the retaining ring and gloves.
2. Remove the damaged gloves and insert the new gloves, seating the glove ring into the retaining ring (ensure correct left/right orientation and thumbs facing upward).
3. Reinstall the retaining ring and tighten the retaining screws securely.

Troubleshooting:

1. The unit will not power On
 - a. Check the power inlet. There is a fuse drawer located underneath—inspect the fuse for damage.
2. The unit is not collecting dust properly
 - a. Check whether the filter is clogged.
 - b. Confirm that the exhaust fan switch is turned ON.

