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# WELCOME

Lexus Airbrush Painting Box is a novel apparatus to apply uniform layer of whitener on diamond to map cavities.

This booklet explains how to get your Lexus AirBrush Painting Box set up and where to turn for help, so you can ascertain Proper Painting on the stones.

Let's get started!

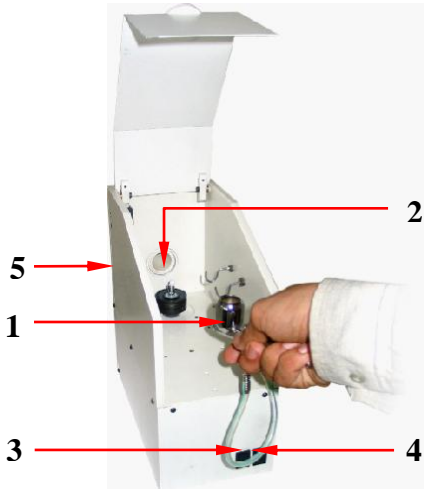
## SPECIFICATIONS

✚	Weight	:	5.800Kg
✚	Dimension	:	335 X 120 X 250mm
✚	Supply	:	230 VAC, 50 HZ, 1 Phase
✚	Load	:	0.39Amp

## BENEFITS

- Opaque Paint for accurate model building.
- Environment friendly with an option of exhaust connection.
- Avoids Phantom cavity building.
- Motorized rotary stage for uniform paint.

## OPERATING CONTROLS



1. Air Brush
2. Platform
3. Spray Gun Switch
4. Motor Switch
5. Electrical Connector (at Rear)

## OPERATING INSTRUCTION

- 1) Put the stage on the platform.
- 2) Fill the airbrush reservoir with sufficient amount of whitner liquid  
Note : The whitner liquid should be THIN / THICK like milk
- 3) Switch on the motor : Motor Starts Rotating.
- 4) Switch on the Spray Pump : Pressure pump will pump air to the air brush.
- 5) Push & Pull the air brush lever to control spray of whitner liquid on diamond : keep a distance of around 100 to 150 mm between air brush nozzle & diamond
- 6) Stop the motor & the pump
- 7) Cover Air Brush Reservoir & the nozzle with rubber plug to avoid drying of liquid in the nozzle Assembly.

## AIRBRUSH PAINTING BOX MAINTENANCE MANUAL

Sr.No.	Problems	Reasons	Solutions
1	Whitner is not uniformly painted on Diamond	<ul style="list-style-type: none"> <li>a. Spraying from a very long or very close distance</li> <li>b. Liquid is not thick enough.</li> <li>c. Liquid is thin enough</li> <li>d. Nozzle is blocked</li> <li>e. Nozzle plunger is not moving</li> </ul>	<ul style="list-style-type: none"> <li>a. Maintain a distance of 100 to 150mm</li> <li>b. Add some more whitner concentrate.</li> <li>c. Add some more solvent</li> <li>d. Clean the nozzle using acetone</li> <li>e. Adjust the nozzle plunger</li> </ul>
2	Air is not pumping	<ul style="list-style-type: none"> <li>a. Power is not supplied</li> <li>b. Fuse is blown</li> <li>c. The air line pipe is crimped.</li> <li>d. Pump is faulty</li> </ul>	<ul style="list-style-type: none"> <li>a. Supply power</li> <li>b. Change the fuse</li> <li>c. Check the pipe</li> <li>d. Change the pump</li> </ul>
3	Motor is not properly rotating	<ul style="list-style-type: none"> <li>a. Problem in the motor</li> </ul>	<ul style="list-style-type: none"> <li>a. change the motor / check the motor</li> </ul>