

Composite 3D Printing

Workflow Polishing

Notice



For details, please refer to the OptraGloss or OptraGloss Extra Oral instructions for use.

Description

For polishing of composite resin restorations use the light-blue HP (high-gloss-polishing) polishers of either the OptraGloss® kit (for intra-oral and extra-oral use) or the OptraGloss Extra Oral kit (for extra-oral use only).

When polishing Ceramic Crown follow up with a goat hair brush with Universal Polishing Paste, and a cotton buffing wheel. Do not use the OptraGloss Extra Oral polishing paste.

Notice



Print and post-process restoration according to the manufacturer's instructions.

Reduce the supports and smooth surface with a cross-cut carbide bur.

Application notes

Max. rotation speed: 10,000 rpm for OptraGloss and OptraGloss Extra Oral components. Use with copious water spray for intra oral polishing (>50 ml/min). Apply medium contact pressure. Always bring the polisher to rotation before you apply it on the surface to be treated. Polishing should be performed using light circular movements to avoid the creation of grooves. Ensure adequate evacuation during polishing. Polishing can be performed intraorally (with water cooling) or extraorally (without water cooling).

Application

Polish with the Spiral Wheel HP (light-blue) polisher of the OptraGloss or OptraGloss Extra Oral kit at 8,000–10,000 rpm using medium contact pressure.

Application for Ceramic Crown

Polish using a goat hair brush with Universal Polishing Paste at 8,000–10,000 rpm. Use only light pressure to prevent overheating and possible discoloration of restoration. Finally, polish with a cotton buffing wheel (30–40,000 rpm). Rinse restoration with copious amounts of water to remove debris. Take care to rinse bonding surfaces thoroughly. Dry restoration with a stream of oil-free air before cementation.