NK Optik Otoflash

with Rodin Resins

Rodin Resins and Otoflash G171
flash-curing device for photopolymerisation

Nitrogen Kit for Otoflash G171

Why is an NK Optik Otoflash beneficial for curing resins intended for patient use with Rodin Sculpture, Sculpture 2.0 and Titan?

HIGH-QUALITY CURING for Stronger Restorations
The Otoflash uses intense light flashes in the UV-A spectrum (ultraviolet light), which penetrates deeper into the material, ensuring thorough curing even in thicker or more opaque materials. This results in stronger, more durable restorations, which achieve the mechanical properties of Rodin's Sculpture, Sculpture 2.0, and Titan.

SPEED AND EFFICIENCY for Faster Turnaround
Compared to traditional curing methods, the Otoflash significantly reduces curing time. A full cure often requires just a few seconds or minutes, allowing the lab to complete jobs faster, improving workflow and productivity.

NK Optik Otoflash is highly valued for its ability to produce strong, durable, high-quality dental restorations in a shorter time frame with consistent results.

IMPROVED MATERIAL PROPERTIES – Tougher, Less Breakage
The flash-curing process can enhance the mechanical properties of the dental resins, such as hardness, durability, and wear resistance. This is especially important for dental restorations that need to withstand significant stress during use.

REDUCED RISK OF CONTAMINATION
The short curing time and enclosed design of the Otoflash help reduce the risk of contamination during the curing process, leading to a cleaner, higher-quality end product.

VERSATILITY
It can be used with a wide range of light-curing dental materials, including resins, composites, and other polymers, making it a flexible tool for a variety of dental applications.

BIOCOMPATIBILITY for Fewer Patient Allergy Reactions
Thorough and consistent curing ensures that the materials are fully polymerized, reducing any potential residual monomers, which could lead to biocompatibility issues or allergic reactions in patients.

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