

Annex 1

Digital light Processing (DLP) printer, operation software and parameter

Model (Picture)	Printer Manufacturer, Model	Light source	Light intensity	Operation Software	Parameter data set*
	Asiga Max	385 nm	7.0 mW/cm ²	Composer 1.2.11	Detax_Freeprint denture impact_5
	Asiga Max 2	385 nm	7.0 mW/cm ²	Composer 2.0.8	Detax_Freeprint denture impact_5
	Asiga PRO 4K	385 nm	7.0 mW/cm ²	Composer 1.2.11	Detax_Freeprint denture impact_5
	Asiga Ultra	385 nm	6.6 mW/cm ²	Composer 2.0.8	Detax_Freeprint denture impact_5
	Heygears UltraCraft A2D	385 nm	2.1 mW/cm ²	Heygears Cloud V4.3.7.6	Detax Denture Impact

*The set of parameters includes all relevant material and printer specific information

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Digital light Processing (DLP) printer, operation software and parameter

Model (Picture)	Printer Manufacturer, Model	Light source	Light intensity	Operation Software	Parameter data set*
	Heygears UltraCraft A2D HD	385 nm	1.75 mW/cm ²	Heygears Cloud V4.3.7.6	Detax Denture Impact
	Rapidshape D20+/D30+ /D40+	385 nm	2.0 mW/cm ²	Netfabb 2020	DETAX Freeprint- denture impact

*The set of parameters includes all relevant material and printer specific information

Cleaning Equipment

Cleaning unit

Manufacturer, Model	Cleaning process
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Rapidshape RS wash	Use the following settings: DETAX Freeprint-denture impact Prior to post-exposure, check the openings, cavities and gap areas for residues. Then blow off with compressed air.
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Ultrasonic bath Bandelin Sonorex	Clean the parts with isopropyl alcohol (purity $\geq 98\%$) for 3 minutes. Then thoroughly clean the openings, cavities and gap areas with compressed air. The main cleaning is performed in a separate vessel with fresh isopropyl alcohol (purity $\geq 98\%$) for 3 minutes. Prior to post-exposure, check the openings, cavities and gap areas for residues. Then blow off with compressed air.
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07/2025

Light curing Equipment

Light Curing unit

Manufacturer, Model	Curing process
NK Optik Otoflash G171	2 x 2000 flashes under inert gas, turn around components after 2000 flashes
NK Optik Otoflash 250/500	4000 flashes under inert gas @15 Hz
Rapidshape RS cure	Use the following settings: DETAX Freeprint-denture impact



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