

HF-L1Pro 4K



Application show



Specification

Product Model	HF-L1Pro 4K
Operating TEMP	10°C ~ 30°C
Relative humidity	30% ~ 90%
Storage TEMP	0°C ~ 30°C
Power input	100 ~ 240V AC 50 ~ 60Hz
Total sower	120W
Print size	143.43(L)×89.60(W)×115(H)mm
Print layer thickness	0.025mm/0.05mm/0.075mm/0.1mm
Printing speed	50mm/H (Z Axis Max)
Pixel size	4098×2560
Support	One-click automatic generation, editable
Operating software	ChiTu
File format	.STL
Adaptation system	Windows 7and above
Material properties	Models,TMP crowns, Casting crowns, Surgical guides, Gums, Tray
Curing wavelength	405nm
Projection light source	LED
Supplies color	Yellow, Skin color, A1, A2, A3, Green, Transparent, Pink, Orange red
Machine size	245 (L) × 245 (W) × 387 (H) mm
Package Size	350 (L) × 350 (W) × 490 (H) mm
Product Weight	9.5kg
Product gross weight	12kg

Features

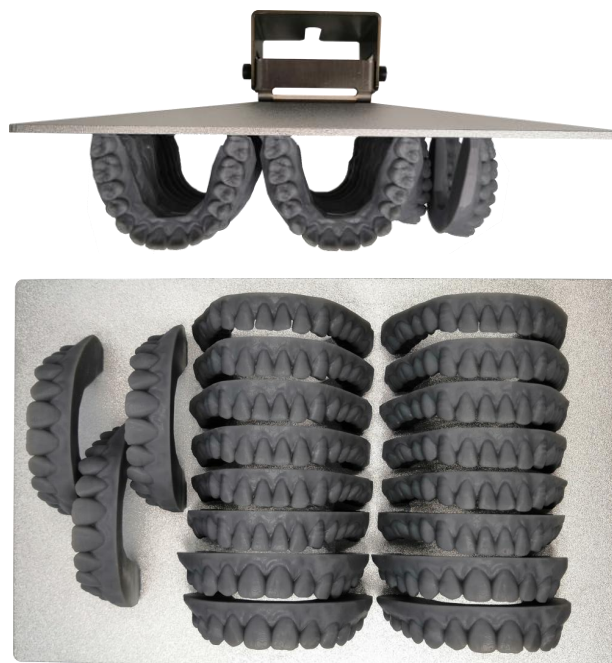
1. Monochrome black and white imaging display technology, high energy, single-layer curing time up to 1 second, and overall efficiency increased by 300%.
2. Adopting water cooling system, low noise and 5 times longer life.
3. Multi-lens combined LED parallel optical system, UV energy uniformity reaches more than 95%.
4. 4K high-resolution imaging technology, the printing size accuracy is less than 35um, the printed dental model can directly replace the plaster model, and highly restore the design data.
5. Printable restorations, orthodontic dental models, temporary crowns, guide plates, gums, movable bases, underwires, inner crowns, veneers, etc., to achieve multiple functions.



HF-L3Pro 5K



Application show

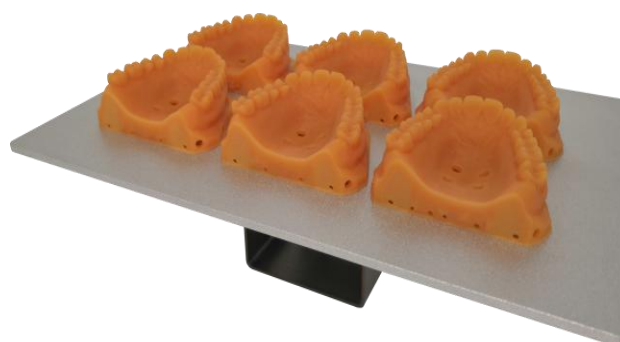


Specification

Product Model	HF-L3Pro 5K
Operating TEMP	10°C~30°C
Relative humidity	30%~90%
Storage TEMP	0°C~30°C
Power input	100~240V AC 50~60Hz
Total sower	120W
Print size	220×130×240mm
Print layer thickness	0.025mm/0.05mm/0.075mm/0.1mm
Printing speed	40mm/H (Z Axis Max)
Pixel size	4920×2880
Support	One-click automatic generation, editable
Operating software	Chi Tu
File format	.STL
Adaptation system	Windows 7and above
Material properties	Models,TMP crowns, Casting crowns, Surgical guides, Gums, Tray
Curing wavelength	405nm
Projection light source	LED
Supplies color	Yellow, Skin color, A1, A2, A3, Green, Transparent, Pink, Orange red
Machine size	353 (L) × 341 (W) × 510 (H) mm
Package Size	423 (L) × 408 (W) × 600 (H) mm
Product Weight	18kg
Product gross weight	23kg

Features

1. Monochrome black and white imaging display technology, high energy, single-layer curing time up to 2 second, and overall efficiency increased by 300%.
2. Adopting water cooling system, low noise and 5 times longer life.
3. Multi-lens combined LED parallel optical system, UV energy uniformity reaches more than 95%.
4. 5K high-resolution imaging technology, the printing size accuracy is less than 45um, the printed dental model can directly replace the plaster model, and highly restore the design data.
5. Printable restorations, orthodontic dental models, temporary crowns, guide plates, gums, movable bases, underwires, inner crowns, veneers, etc., to achieve multiple functions.



HF-L3Pro 8K



Application show



Specification

Product Model	HF-L3Pro 8K
Operating TEMP	10°C~30°C
Relative humidity	30%~90%
Storage TEMP	0°C~30°C
Power input	100~240V AC 50~60Hz
Total sower	120W
Print size	221.4 (L) × 129.6 (W) × 240 (H) mm
Print layer thickness	0.025mm/0.05mm/0.075mm/0.1mm
Printing speed	40mm/H (Z Axis Max)
Pixel size	7680 × 4320
Support	One-click automatic generation, editable
Operating software	Chi Tu
File format	.STL
Adaptation system	Windows 7 and above
Material properties	Models, TMP crowns, Casting crowns, Surgical guides, Gums, Tray
Curing wavelength	405nm
Projection light source	LED
Supplies color	Yellow, Skin color, A1, A2, A3, Green, Transparent, Pink, Orange red
Machine size	353 (L) × 341 (W) × 510 (H) mm
Package Size	423 (L) × 408 (W) × 600 (H) mm
Product Weight	18kg
Product gross weight	23kg

Features

1. Monochrome black and white imaging display technology, high energy, single-layer curing time up to 2 second, and overall efficiency increased by 300%.
2. Adopting water cooling system, low noise and 5 times longer life.
3. Multi-lens combined LED parallel optical system, UV energy uniformity reaches more than 95%.
4. 8K high-resolution imaging technology, the printing size accuracy is less than 28um, the printed dental model can directly replace the plaster model, and highly restore the design data.
5. Printable restorations, orthodontic dental models, temporary crowns, guide plates, gums, movable bases, underwires, inner crowns, veneers, etc., to achieve multiple functions.



HFL-M06Y



HFL-M06S



Specification

Resin type	HFL-M06Y Tooth model resin
Liquid viscosity	690 cps @ 25 °C
Liquid density	1.16g/cm3 @ 25 °C
Flexural modulus	2,685-2,780Mpa
Bending strength	69-74MPa
Heat distortion Temp	90°C
Thermal expansion	97*E-6
Volume shrinkage	1.02-1.24%
Linear shrinkage	0.05-0.35%
Tensile Strength	28-31Mpa
Tensile modulus	2.185-2.390MPa
Tensile strain at	5-7%
Shore hardness	84D
Glass transition Temp	100°C
Density after curing	1.23g/cm3
Notched impact	59-70j/m
Optimal storage	20°C~25°C
Curing wavelength	405nm
Material color	Yellow
Product Weight	1000ml/Bottle
Product gross weight	1.5kg
Package dimensions	215(L)×125(W)×220(H)mm

Specification

Resin type	HFL-M06S Tooth model resin
Liquid viscosity	120~2800MPa.s 25°C/Rotational Viscometer
Liquid density	1.05~1.25g/cm3 25°C/Density
Flexural modulus	1.882~2.385 MPa
Bending strength	59~70MPa
Heat distortion Temp	80°C
Thermal expansion	95*E-6
Volume shrinkage	1.56~1.95%
Linear shrinkage	0.85~1.05 %
Tensile Strength	42~62Mpa
Tensile modulus	1.779~2.385MPa
Tensile strain at	2%~5%
Shore hardness	80~85D
Glass transition Temp	100°C
Density after curing	1.05~1.25g/cm3
Notched impact	44~49j/m
Optimal storage	20°C~25°C
Curing wavelength	405nm
Material color	Skin color
Product Weight	500ml/Bottle*2
Product gross weight	1.5kg
Package dimensions	215(L)×125(W)×220(H)mm

HFL-TA1/A2/A3



HFL-G06T



Specification

Resin type	HFL-TA1/A2/A3 TMP crowns resin
Liquid viscosity	120~2800MPa.s 25°C/Rotational Viscometer
Liquid density	1.05~1.25g/cm ³ 25°C/Density
Flexural modulus	1.882~2.385 MPa
Bending strength	59~70MPa
Heat distortion Temp	80°C
Thermal expansion	95*E-6
Volume shrinkage	1.56~1.95%
Linear shrinkage	0.85~1.05 %
Tensile Strength	42~62Mpa
Tensile modulus	1.779~2.385MPa
Tensile strain at	2%~3%
Shore hardness	83~85D
Glass transition Temp	100°C
Density after curing	1.05~1.25g/cm ³
Notched impact	44~49j/m
Optimal storage	20°C~25°C
Curing wavelength	405nm
Material color	A2 cream color
Product Weight	500ml/Bottle*2
Product gross weight	1.5kg
Package dimensions	215(L)×125(W)×220(H)mm

Specification

Resin type	HFL-G06T Guide plate resin
Liquid viscosity	75~150MPa.s 25°C/Rotational Viscometer
Liquid density	1.05~1.25g/cm ³ 25°C/Density
Flexural modulus	1.882~2.385 MPa
Bending strength	59~70MPa
Heat distortion Temp	80°C
Thermal expansion	95*E-6
Volume shrinkage	3.72~4.24%
Linear shrinkage	1.05~1.35 %
Tensile Strength	36~52Mpa
Tensile modulus	1.779~2.385MPa
Tensile strain at	11%~20%
Shore hardness	80D
Glass transition Temp	100°C
Density after curing	1.05~1.25g/cm ³
Notched impact	44~49 j/m
Optimal storage	20°C~25°C
Curing wavelength	405nm
Material color	Transparent
Product Weight	500ml/Bottle*2
Product gross weight	1.5kg
Package dimensions	215 (L) × 125 (W) × 220 (H) mm

HFL-C07G

Package dimensions

215(L)×125(W)×220(H)mm

HFL-T01P

Specification

Resin type	HFL-C07G Cast resin
Liquid viscosity	50~170MPa·s 25°C/Rotational Viscometer
Liquid density	1.05~1.25g/cm ³ 25°C/Density
Flexural modulus	1.192~2.525 MPa
Bending strength	49~58MPa
Heat distortion Temp	75°C
Thermal expansion	95*E-6
Volume shrinkage	1.88~2.45%
Linear shrinkage	0.8~1 %
Tensile Strength	42~62MPa
Tensile modulus	1.86~2.645MPa
Tensile strain at	11%~20%
Shore hardness	80~88D
Glass transition Temp	78°C
Density after curing	1.05~1.13g/cm ³
Notched impact	44~49j/m
Optimal storage	20°C~25°C
Curing wavelength	405nm
Material color	Green
Product Weight	500ml/Bottle*2
Product gross weight	1.5kg

Specification

Resin type	HFL-T01P Tray resin
Liquid viscosity	120~2800MPa.s 25°C/Rotational Viscometer
Liquid density	1.05~1.25g/cm ³ 25°C/Density
Flexural modulus	1.882~2.385 MPa
Bending strength	59~70MPa
Heat distortion Temp	80°C
Thermal expansion	95*E-6
Volume shrinkage	1.56~1.95%
Linear shrinkage	0.85~1.05 %
Tensile Strength	42~62Mpa
Tensile modulus	1.779~2.385MPa
Tensile strain at	2%~5%
Shore hardness	80~85D
Glass transition Temp	100°C
Density after curing	1.05~1.25g/cm ³
Notched impact	44~49j/m
Optimal storage	20°C~25°C
Curing wavelength	405nm
Material color	Skin color
Product Weight	500ml/Bottle*2
Product gross weight	1.5kg
Package dimensions	215(L)×125(W)×220(H)mm

HFL-G02P**HFL-**

Specification

Resin type	HFL-G02P Gums resin
Liquid viscosity	1150 cps 25℃/Rotational Viscometer
Liquid density	1.1/cm3 25℃/Density meter
Flexural modulus	1500~2000 MPa
Bending strength	25~30MPa
Heat distortion Temp	90℃
Thermal expansion	97*E-6
Volume shrinkage	1.96~2.01%
Linear shrinkage	0.85~1.0 %
Tensile Strength	4.5~6.2Mpa
Tensile modulus	850~1000MPa
Tensile strain at	42%~50%
Shore hardness	60~62D
Glass transition Temp	104℃
Density after curing	1.15g/cm3
Notched impact	45~52j/m
Optimal storage	20℃~25℃
Curing wavelength	405nm
Material color	Pink
Product Weight	500ml/Bottle*2
Product gross weight	1.5kg
Package dimensions	215(L)×125(W)×220(H)mm

Specification

Resin type	
Liquid viscosity	
Liquid density	
Flexural modulus	
Bending strength	
Heat distortion Temp	
Thermal expansion	
Volume shrinkage	
Linear shrinkage	
Tensile Strength	
Tensile modulus	
Tensile strain at	
Shore hardness	
Glass transition Temp	
Density after curing	
Notched impact	
Optimal storage	
Curing wavelength	
Material color	
Product Weight	
Product gross weight	
Package dimensions	