

Product Specifications

	Benchmark™ Series		preXacto™ Series	
Model	R66®PLUS	T76®PLUS	D66®+	D76®+
Primary Markets Served	Studio Jewelers Custom Retail Jewelers	Jewelry Manufacturers Custom Retail Jewelers	Dental Laboratories	Dental Laboratories
Technology	DOD Jet	DOD Jet	DOD Jet, SCP™	DOD Jet, SCP™
Build Speed	Dependent upon part dimensions, geometry and layer thickness/build configuration selected by user			
Build Size [cm]	15.24 x 15.24 x 10.16	15.24 x 15.24 x 10.16	15.24 x 15.24 x 10.16	15.24 x 15.24 x 10.16
Multicolor	No	No	No	No
Resolution [dpi]	5,000 x 5,000 XY resol.	5,000 x 5,000 XY resol.	5,000 x 5,000 XY resol.	5,000 x 5,000 XY resol.
Layer Thickness [mm]	.0127, .0254, .0381, .0508, .0635, .0762	.0127, .0254, .0381, .0508, .0635, .0762	.0254, .0381, .0508, .0635	.0254, .0381, .0508, .0635
Material Options (Supported Model Materials)	Indura@Cast, plusCAST™, Indura@Fill	Indura@Cast, plusCAST™, Indura@Fill	dentaCast®, Indura@Fill	dentaCast®, Indura@Fill
Equipment Dimensions [cm]	54.9W x 49.0D x 40.9H	54.9W x 49.0D x 40.9H	54.9W x 49.0D x 40.9H	54.9W x 49.0D x 40.9H
Equipment Weight - Unpacked/Packed [lbs (kg)]	75/165 (34/75)	75/165 (34/75)	75/165 (34/75)	75/165 (34/75)
System Software	Windows CE	Windows CE	Windows CE	Windows CE
Power Requirements	115v 60Hz AC w/ dedicated 20 ampere circuit or 230v 50Hz AC w/dedicated 10 ampere circuit	115v 60Hz AC w/ dedicated 20 ampere circuit or 230v 50Hz AC w/dedicated 10 ampere circuit	115v 60Hz AC w/ dedicated 20 ampere circuit or 230v 50Hz AC w/dedicated 10 ampere circuit	115v 60Hz AC w/ dedicated 20 ampere circuit or 230v 50Hz AC w/dedicated 10 ampere circuit
Input Format	.STL or .SCL	.STL or .SCL	.STL or .SCL	.STL or .SCL
Software	ModelWorks® (included) Click-It® (included)	ModelWorks® (included) Click-It® (included)	ModelWorks® (included) Click-It® (included)	ModelWorks® (included) Click-It® (included)
Network communication	Ethernet (included)	Ethernet (included)	Ethernet (included)	Ethernet (included)
Price [USD]	\$35,650	\$45,650	\$30,650	\$45,650
Guaranty	1 Year	1 Year	1 Year	1 Year
Technical Properties	Sulfonamide Thermoplastic	Sulfonamide Thermoplastic	Sulfonamide Thermoplastic	Sulfonamide Thermoplastic
Melt Point [°C]	95 - 110	95 - 110	95 - 110	95 - 110
Flexural Strength [MPa]	1.95E+03 psi	1.95E+03 psi	1.70E+03 psi	1.70E+03 psi
Flexural Modulus [MPa]	2.50E+05 psi	2.50E+05 psi	4.70E+05 psi	4.70E+05 psi
Hardness	65 Shore D	65 Shore D	Not Available	Not Available
Density	1.25 g/cm @ 23°C	1.25 g/cm @ 23°C	1.25 g/cm @ 23°C	1.25 g/cm @ 23°C
Color	Turquoise	Turquoise	Light Blue	Light Blue