

benchMark™ Series

preXacto™ Series

Model	R66®+	T76®+	T612®	D66®+	D76®+
Primary Markets Served	Studio Jewelers Custom Retail Jewelers	Jewelry Manufacturers Custom Retail Jewelers	Precision Investment Casting Medical, Aerospace, Automotive	Dental Laboratories	Dental Laboratories
Technology	DOD Jet	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 15.24	15.24 x 15.24 x 15.24	30.48 x 15.24 x 15.24	15.24 x 15.24 x 15.24	15.24 x 15.24 x 15.24
Multicolor	No	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.	5,000 x 5,000 XY resol.
Layer Thickness [mm]	.0127, .0254, .0381, .0508, .0635, .0762	.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, Indura™Fill	Indura™Cast, Indura™Fill	Indura™Cast, 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	71.1W x 49.5D x 49.5H	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)	96/235 (44/107)	75/165 (34/75)	75/165 (34/75)
System Software	Windows CE	Windows CE	DOS	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	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	.STL or .SCL
Software	ModelWorks™ (included) Click-It® (included)	ModelWorks™ (included) Click-It® (included)	ModelWorks™ (included)	ModelWorks™ (included) Click-It® (included)	ModelWorks™ (included) Click-It® (included)
Network communication	Ethernet (included)	Ethernet (included)	Ethernet (included)	Ethernet (included)	Ethernet (included)
Price [USD]	\$35,650	\$45,650	\$55,650	\$30,650	\$45,650
Guaranty	1 Year	1 Year	1 Year	1 Year	1 Year
Technical Properties	Sulfonamide Thermoplastic	Sulfonamide Thermoplastic	Sulfonamide Thermoplastic	Sulfonamide Thermoplastic	Sulfonamide Thermoplastic
Melt Point [°C]	95 - 110	95 - 110	95 - 110	95 - 110	95 - 110
Flexural Strength [MPa]	1.95E+03 psi	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	2.50E+05 psi	4.70E+05 psi	4.70E+05 psi
Hardness	65 Shore D	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	1.25 g/cm @ 23°C
Color	Turquoise	Turquoise	Turquoise	Light Blue	Light Blue