Vendor guide Office-friendly rapid prototyping options 3D SYSTEMS 3D SYSTEMS SOLIDSCAPE SOLIDSCAPE

Product	3D SYSTEMS InVision	3D SYSTEMS ThermoJet	SOLIDSCAPE Model Maker II	SOLIDSCAPE Pattern Master
Phone number	888.337.9786	888.337.9786	603.429.9700	603.429.9700
Web site	www.3dsystems.com	www.3dsystems.com	www.solid-scape.com	www.solid-scape.com
Cost (base)	Not available	\$49,995	\$66,900	\$76,900
Technology	Jet (model material)	Jet (model material)	Jet (model material)	Jet (model material)
Layer thickness Millimeters (mm) Inches (")	0.0381 estimated 0.0015 estimated	0.04 0.0016	0.013-0.076 0.0005-0.003	0.013-0.076 0.0005-0.003
Maximum part size Millimeters (mm) Inches (")	300 × 185 × 203 12 × 7.3 × 8	250 × 190 × 200 10 × 7.5 × 7.9	305 × 152 × 216 12 × 6 × 8.5	305 × 152 × 216 12 × 6 × 8.5
Material(s)	Acrylic photopolymer- based blend for model; wax for supports	ThermoJet 2000, 88	Thermoplastic	Thermoplastic
Advantages	High-quality surface finish; durable models; for form and some fit.	Three colors available; detail; speed.	Superior accuracy; surface finish.	Accuracy; surface finish; adjustable build parameters.

Build speed; brittle

model material.

Same as Model Maker II.

Less durable than

InVision material.

Limitations

No colors available.



STRATASYS Dimension	STRATASYS Prodigy Plus	STRATASYS FDM Titan	Z CORP. Z400	Z CORP. Z406	Z CORP. Z810
888.480.3548	888.480.3548	888.480.3548	781.852.5005	781.852.5005	781.852.5005
www.Dimension Printing.com	www.stratasys.com	www.stratasys.com	www.zcorp.com	www.zcorp.com	www.zcorp.com
\$29,900	\$65,000	\$190,000	\$33,500	\$66,500	\$175,000
N/A	FDM	FDM	Jet (binder onto powder)	Jet (binder onto powder)	Jet (binder onto powder)

0.25-0.33 0.010-0.013	0.18-0.33 0.007-0.013	0.18-0.25 0.007-0.010	0.076-0.254 0.003-0.010	0.076-0.254 0.003-0.010	0.076-0.254 0.003-0.010
203 × 203 × 305	203 × 203 × 305	355 × 406 × 406	203 × 254 × 203	203 × 254 × 203	500 × 600 × 400
8 × 8 × 12	8 × 8 × 12	14 × 16 × 16	8 × 10 × 8	8 × 10 × 8	20 × 24 × 16
ABS	ABS	ABS, polycarbonate.	Starch, plaster	Starch, plaster	Starch, plaster

203 × 203 × 305 8 × 8 × 12	203 × 203 × 305 8 × 8 × 12	355 × 406 × 406 14 × 16 × 16	203 × 254 × 203 8 × 10 × 8	203 × 254 × 203 8 × 10 × 8	500 × 600 × 400 20 × 24 × 16
ABS	ABS	ABS, polycarbonate, polyphenylsulphone	Starch, plaster	Starch, plaster	Starch, plaster
Functional parts with snap fits; standard and	Same as Dimension, but higher resolution and soluble support	Superior strength characteristics; good resolution; three	Fast build times; choice of materials and infiltration.	Same as Z400; print in millions of colors.	Same as Z400; print in millions of colors; large part

material choices. custom colors removal. capacity.

Manual support One material choice. Manual support powder Same as Z400. Same as Z400. Soluble support removal; poor material removal removal.

surface finish in not yet available. some cases