3 3D SYSTEMS

INVISION® XT 3-D Modeler

Versatile, fast building of high-definition three-dimensional plastic models and prototypes.

APPLICATIONS

- Models for:
  - Concept development
  - Design validation
  - Product Presentations
- Prototypes for form and fit analysis
- Patterns for casting or molding

InVision® XT 3-D Modeler

FEATURES

- Fast multi-jet build speed
- Productive independent of size quantity and complexity
- Exceptional surface quality
- Outstanding part durability
- Color variety
- Melt-away supports
- Compact foot print
- Quiet operation
- Network compatible
- Easy, intuitive client software

BENEFITS

- Ready-to-use models
- Functional to withstand rigors handling and testing
- Suitable for wide range of applications
- Hands-free post processing
- Capable of building extreme geometries
- Detailed small features and thin wall models
- Office friendly
- User friendly operation

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3D SYSTEMS CORPORATION

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INVISION® XT 3-D Modeler

TECHNICAL DATA

Technology

Product	InVision® XT 3-D Modeler, software, VisiJet® material starter kit, warranty
Technology	Multi-Jet Modeling (MJM). Thermal material application, with UV-curing
Maximum Model Size	W298 x D185 x H203 mm (W11.75 x D7.3 x H8 in) (xyz)
Resolution	328 x 328 x 606 DPI (xyz)
Modeler	InVision® 3-D Modeler
Materials	Model material - VisiJet® SR 200
	Support material - VisiJet® S100
Software	InVision® model client software

Modeler

Certifications	UL certified, CE marked, CB certified
Electrical	100-127 VAC, 50/60 Hz, single-phase, 15A; 200-240* VAC, 50 Hz, single-phase, 10A; IT Power System Specification Compliant (Nordic countries)
Operating Temperature Range	18-28 °C (64-82 °F)
Noise	<65 dBa estimated (at medium fan setting)
Printer (crated) (WDH)	371 kg (817 lb) 0.96 x 1.42 x 1.67 m (38 x 56 x 66 in)
Printer (uncrated) (WDH)	254 kg (560 lb) 0.72 x 1.23 x 1.45 m (28.3 x 48.6 x 57 in)

Interface

Network Compatibility	Network ready with 10/100 Ethernet interface
Client Hardware Recommendation (min.)	1.8 GHz Pentium IV with 512 MB RAM *(with OpenGL ICD)*
Client Software OS Support	Windows XP Professional/2000/NT 4.0/Me/98
Input Data File Format	.stl

Materials

Material	Model	Support
	VisiJet® SR 200	VisiJet® S100
Composition	Acrylic plastic	n/a
Color	White, blue or gray	White
Case Quantity	8 cartridges/case	8 cartridges
Net Weight (Approximate)**	500 g (1.1 lb)	405 g (0.9 lb)
Density @ 80 °C (ASTM D4164)	1.02 g/cm^3	n/a
Tensile Modulus (ASTM D638)	1772 MPa (257 KSI)	n/a
Tensile Strength (ASTM D638)	34 MPa (4.9 KSI)	n/a
Tensile Elongation at Break (ASTM D638)	7.3%	n/a
Flexural Modulus (ASTM D790)	1786 MPa (259 KSI)	n/a
Flexural Strength (ASTM D638)	52 MPa (7.5 KSI)	n/a

ASTM protocol followed for testing, except RH conditioning, which is not expected to substantially affect results.

* Requires a small external transformer (pn 23418-901-00); supplied by 3D Systems in the country kit.
** Weights and dimensions are estimated, nominal values and subject to change without notice. Accessory kit shipped separately.

Please contact:

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