

MULTI JET PRINTING (MJP)

is an inkjet printing process that uses print head technology to deposit either photo-curable plastic resin or casting wax materials layer by layer. The parts made out of MJP technology are very accurate and can be used as molds for mfg. end products.



Applications

- Mechanical functional testing
- Concept communication
- Form and fit assembly testing



Materials

- VisiJet® M2 RCL Plastic Material
- VisiJet® M2 EBK Elastomeric Material
- VisiJet M2G-DUR
- VisiJet M2G-CL



Design Guidelines

Min hole diameter at 1mm thickness 0.5mm
Min shaft diameter at 10mm height 0.5mm
Min printable font size for embossed or debossed letters or numbers 6 pt
Min clearance at 1mm thickness 0.5mm
Min slit between walls 0.5 mm



Output Details

Lead Time: Minimum 4 working days
Surface finish: Smooth outer surface, which can be further enhanced



Post Processing

Basic: Wax Melting
Add On: Primer, Coating / Painting



Other Details

- Lead Time: Depends on part.
(Min 3-4 days for dispatch. More for larger parts)
- Variants: High Quality



MJP - ProJet 2500 Plus

HIGH QUALITY, SPEED AND EASE-OF-USE MADE ACCESSIBLE

Accessing high fidelity, functional plastic or elastomeric prototypes has never been faster or easier, with up to 3x higher 3D printing speeds than similar class printers and finished part delivery up to 4x faster with 3D Systems MJP EasyClean System.

The ProJet® MJP 2500 Series is the latest in 3D Systems' MultiJet Printing (MJP) line of 3D printers, engineered to combine professional grade 3D printing capabilities with an affordable price, compact footprint and easy part processing.

FEATURES:

- > Uses MultiJet Printing technology
- > Offers a maximum build envelope capacity (WxDxH): 11.6 x 8.3 x 5.6 in (294 x 211 x 144 mm)
- > Prints in durable white, black and new VisiJet ProFlex M2G-DUR engineering clear materials
- > Capable of printing in rigid clear, rigid gray, rigid tan, new VisiJet Armor M2G-CL engineering clear, elastomeric black and elastomeric natural materials (ProJet MJP 2500 Plus only)
- > Streamlines design-to-print workflow with the new 3D Sprint™ software capabilities
- > Delivers fast and easy post-processing with the MJP EasyClean System (optional)
- > Get more parts faster with an effective file-to-finished-part process
- > Create high-fidelity parts you can rely on
- > Use a MultiJet modeling machine that's designed for your work environment
- > Greater geometric freedom with effective support removal

INDIA HEAD OFFICE

T3D Labs Pvt Ltd
C/O AP Med Tech Zone,
S.No. 480/P, Nadupuru
Village, Pedagantyada,
Visakhapatnam - 530044
Ph: +91 81428 96564

SINGAPORE OFFICE

think3D Labs Pte Ltd
10 Anson Road, #10-11
International Plaza
Singapore (079903)
Ph: +65-62252028

OUR BRANCH OFFICES**DELHI**

think3D
c/o 91SpringBoard
E-43/1, Okhla Phase II
New Delhi
Delhi - 110020
Ph: (011) 3958 5958

MUMBAI

think3D
c/o The Playce
1st Floor, Marathon Maxima
Lal Bahadur Shastri Marg
Mulund West, Mumbai
Maharashtra 400080
Ph: (022) 3372 1372

CHENNAI

think3D
Startup Centre and Management Pvt Ltd
#8 First Seaward Road, Valmiki Nagar
Thiruvanmiyur, Chennai
Tamil Nadu 600041, India
Ph: (044) 3083 3583

BANGALORE

think3D
c/o Alpha Lab /C
1316, 9th Cross Rd
2nd Phase, J P Nagar
Bengaluru, Karnataka 560078
Ph: (080) 3951 3950

HYDERABAD

think3D
C/o Dwaraka Business Centre
1st Floor, Dwaraka Heights,
Plot no:17, Jubilee Enclave,
Madhapur, Hitech City
Hyderabad - 500081
Ph: 80082068531

COIMBATORE

think3D
Site No. 51st Cut
Kurunthachal Nagar
K. Vadamadurai Post
Coimbatore
Tamil Nadu - 641017
Ph: +91-9944227616