

# Kaizer<sup>TM</sup>

*High Precision Delivered*

Software Partner

**materialise**  
innovators you can count on

**Kaizer 3D Printer** is a technology company in the field of generative rapid prototyping and rapid manufacturing systems. Kaizer 3D printer is Manufactured in INDIA. We bring a new and generative technology to the market that is setting a new benchmark in speed and accuracy.

All in all we stand for these core values: Strong customer & partner relationship, Highest Efficiency based on production quality and cost-per-part! Easy maintenance Using **Digital Light Processing technology (DLP)** System with ultra-HD resolution to manufacture 3D models for, Direct Casting and General Purpose Products.

## Key Feature:

- Fully automated Self Calibration system.
- Build Speed is Constant through the Build-up "(25mm) per hour as 0.0056" (50 um) voxel thickness.
- Very few moving parts and Nominal Consumable Components make the system user serviceable.
- Material Changoover can be done quickly easily
- Model is Suitable for Direct Manufacturing though rapid casting.
- Any STL/SLC file from Scanner can be printed.
- Capable of Printing Model Copings Crowns & Hearing Aids.



Application: **Jewellery | Automotive | Dental | Toys | Hearing Aid**





MACHINE TECHNICAL DATA *		KAIZER 3D PRINTER
Build Envelope	<b>Pro 90</b> <small>materialise</small> innovators you can count on	110 x 62 x 110 mm (4.6" x 2.6" x 4.33")
	<b>Pro 75</b> <small>myfabb</small>	75 x 42 x 110 mm (3.13" x 1.8" x 4.33")
Projector Resolution		1920*1080, HD resolution dlp light source
Native Pixel Size		0.0024" (62 µm) 0.0019" (49 µm)
slice thickness		25-100mm
Max. part heights		110mm
Building speed (at 50mm z-resolution)		up to 25 mm / 60 min ( fast build setting)
Machine control		Stand-alone PC/touch screen interface/ remote control
Model File Format		<b>STL- SLC FILES</b>

## STARTUP PACKAGE

INTENSITY CALIBRATION SENSOR, CALIBRATION PLATE AND TOOLS,

## SOFTWARE

RESIN LIBRARY: WITH MATERIAL & PROCESS PARAMETERS FOR ALL KAIZER 3D PRINTER RESINS, ADJUSTABLE, UPDATES AVAILABLE, OPEN SYSTEM

## KAIZER 3D PRINTER RESIN

KD-1 - MOULD MAKING (SILICON & HIGH TEMPERATURE RUBBER) GENERAL PURPOSE RESINS & DIRECT CASTABLE RESIN.

## OPEN SYSTEM & FLEXIBILITY

- NO LOCK-IN COMPONENTS
- OPEN RESIN LIBRARY
- EASY UPDATE & INFORMATION EXCHANGE
- SYSTEM BUILDING SIZE & RESOLUTION CAN BE CONVERTED IN-HOUSE

## SERVICE & QUALITY

- INSTALLATION AND TRAINING SERVICES AVAILABLE
- CONSULTING AND MAINTENANCE CONTRACT AVAILABLE
- ON-SITE CUSTOMER SERVICE & MAINTENANCE AVAILABLE

### CONTACT US:

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