

From CAD to shell / from CAD to earmold: incredible manufacturing speed for hearing aid industry

3D-Printer for additive manufacturing of ITE / ITC shells, earmolds in transparent and opaque materials as well as hear protections directly from CAD file.

HA 60 present a new dimension of speed. Small quantities can be manufactured in less than one hour. This is much faster than comparable state of art. Nevertheless, it meets highest demands on accuracy.

Liquid resin is cured layer by layer with a DLP beamer system. Change of resin for other colors is possible. HA 60 present an Open System which is compatible to different kinds of material and CAD software systems. Due to the

patented force-feedback-system, a new dimension of speed and accuracy is achieved. This patented process controls the build job in a gentle but extremely fast way.

A LED light source is available, reducing calibration effort significantly. Lamp exchange is not needed any more. Color consistency fulfills highest requirements and surface precision is excellent.

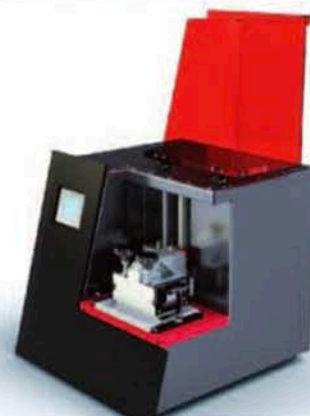
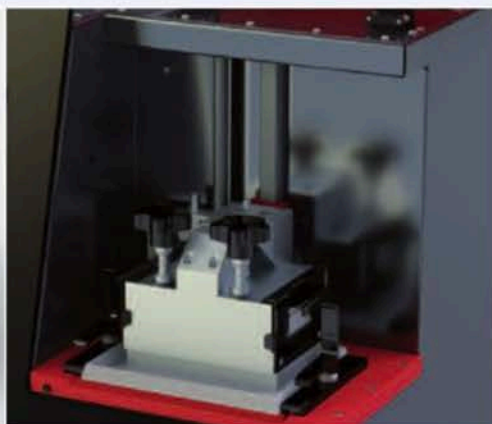
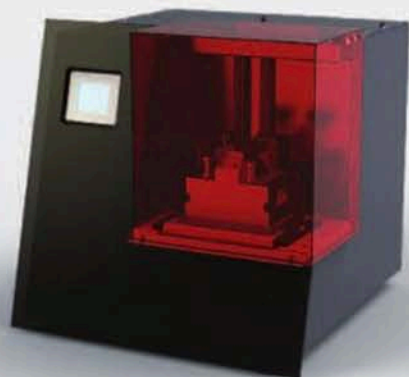
The unit can be used for operation as stand-alone system, by one on one PC-connection embedded in a corporate network or in a machine cluster.

Advantages:

- tested end-to-end system
- high surface quality & high accuracy
- fastest additive manufacturing system in class
- job times: less than 1 hour
- simple handling
- low maintenance costs due to DLP irradiation system
- direct customer service / training / set-up available
- open system in terms of materials, software and consumables

Technical Data

Model:	HA60 UV
Working area:	110 x 62 x 90 mm (x / y / z)
Slice thickness:	100 µm (standard)
Accuracy:	59 µm native pixel
Resolution:	1920 x 1080, LED light source
Electrical supply:	230 V
Dimensions:	590 x 660 x 570 mm (w / d / h)
Weight:	approx. 90 kg



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