3D PRINTING SERVICE

We will 3D-print your model once we have received your data or master prototype.

Stratasys
Objet30 Prime

3D printer

Lamination pitch	14 μm
Resolution	600×600×1800 dpi
Modelable size	294×192×148 mm ※Models not exceeding the maximum size are recommended.
Compatible plastics	Hard resins (PP-like resins, rubber-like resins, biocompatible transparent resins ※Contact us for details.)

About data submission
The recommended file format
for submitting your data is the STL format.
Please contact us if you want to submit
other file formats.

3D scanner

Measurement range	200×150 mm
Measurement distance	250 mm
Point-to-point distance	0.08 mm

gom ATOS Core
Essential Line

About scanning your master prototype
We recommend that the scanned objet
does not exceed 250×250×250 mm.
If your object is lsrger than this size,
please contact us.

For questions/quotes, please contact

Iwasaki Mokei Seizo Co., Ltd. (Person in charge: Fujii-san)

Q&A

3D printer

Q1: To what extent can you print thin parts?
A: We recommend that thin parts be at least 1.35 mm thick. Although it may be possible to print parts that are even thinner than this depending on the shape, there is a risk of damage to the part during printing or during removal of the support material.

Q2: How much does it cost?
A: The cost varies greatly depending on the size, shape, and precision.
 ・30 mm×30 mm×30 mm (box) High quality grade= ¥15,500
 ・30 mm×30 mm×30 mm φ (cylinder) High quality grade= ¥12,500
 ・110 mm×75 mm×75 mm φ (ellipse) High quality grade= ¥60,000
 ・110 mm×75 mm×75 mm φ (ellipse) High speed= ¥56,700
The prices listed above are for reference. We will provide you with a quote once we have received your data.

Q3: How long does it take?
A: It takes between approximately 3 days to 1 week after receiving your data.
(If your design requires data capture or data editing, please contact us to discuss how long it will take.)

Q4: How precise is the printed model?
A: We can handle lamination pitches as small as 14 μm and data sizes up to 100 MB. However, lamination layer marks will always remain in the printed model. In order to improve the quality of the model, it is necessary to carry out finishing, in which the surface of the model is processed. Please call us to discuss details.

3D scanner

Q5: Is it possible to scan any type of object?
A: Our scanner uses the non-contact camera method to scan objects. Therefore, it is not possible to accurately measure objects that reflect light, objects that are transparent (including semitransparent objects), and objects that absorb light (black objects). In these situations, it is possible to scan your master object (object to be measured) by coating it with a fine powder. Please contact us about scanning your object if you are OK with your master object (object to be measured) becoming dirty due to being covered with the fine powder. (The powder can be washed off with water.)
It is also not possible to accurately measure objects that are extremely thin (such as paper) because they may move with slight vibrations.