

Industrial 3D Printing

Highest precision and repeatability for demanding industrial applications.


SLS – Selective Laser Sintering

EOS: P110, P110FDR, P396, P500

Farsoon: Flight® HT601P-4


Post-processing

Dyeing, Chemical Straightening, Tumbling

 **Materials:** PA2200, PA3200, PA2210, PA1101, PA Black, PA 603-CF, TPU

SLA/STL – Stereolithography

3D Systems

 **Materials:** Accura Xtreme, WaterClear Ultra

Plastic Injection Molding with in-house tooling

For series parts with maximum reproducibility – dimensionally stable, durable, economical.

Tooling

Aluminum, hybrid, steel


Multiple cavities

Custom injection molding (a wide variety of cold runner configurations up to needle-valve nozzles)

Injection Molding

Injection molding machines with clamping forces from 10 to 160 tons

Live product demonstrations on-site

 ISO Class 8 cleanroom



Vacuum casting

- Small production runs up to 1,000 units
- Soft parts made of silicone and rubber



Measurement Technology

- Computed Tomography
- GOM
- 3D Scans



Surfaces

- Paint finishes
- Printing



Network

- AM and Injection Molding Design
- Engineering
- Simulations/ Moldflow
- Assembly



Certificates

- ISO 9001
- ISO 13485

Knowledge Lab

Build knowledge. Identify potential. Secure competitive advantages.



Izu1scale

For 30 years: innovative plastic parts – fast and precise.

