

Glass Melting Services for R&D and Prototyping

ISUZU GLASS offers small-scale glass melting services using dedicated laboratory furnaces. From 100g to 100 kg, we support material development, composition evaluation, and prototype production with flexible melting conditions.

Features

- Small-Batch Melting
 - 100g - 100 kg
 - Ideal for R&D and prototyping
- Flexible Equipment
 - Up to 1600 °C
 - Clay, Quartz, and Platinum crucibles
 - Various glass compositions
- Technical Support
 - Feasibility evaluation
 - Material selection
 - Process optimization



Our Process



Inquiry

Tell us about your glass composition and/or project goals.



Technical Review

We evaluate feasibility and determine melting conditions.



Proposal & Quotation

We provide the test plan and schedule.



Trial Melting

Glass melting is performed.
Customer attendance is available upon request.



Delivery

Frequently Asked Questions

Q. Can you measure glass properties after melting?

A. Yes. We also offer measurements such as:

- Refractive Index
- Transmittance

Q. Do I need to supply raw materials?

A. Not necessarily. We can procure raw materials or use customer-supplied materials.

Q. Can you perform post-processing?

A. Yes. Cutting, grinding, polishing, and shaping are available.

Q. Can you support scale-up to production?

A. Yes. We can optimize the process for mass production based on trial melting results.

Need help with glass melting?

Contact us to discuss your project.

Your partner for specialty glass development.



Office

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