

TAZMO®



Wafer Support System

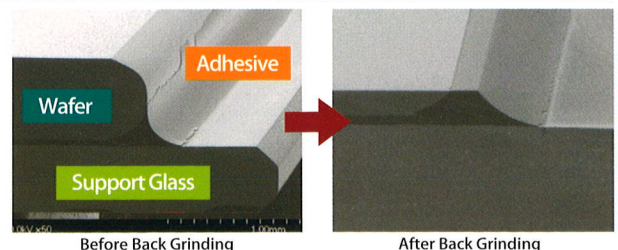
[TWS2000 SERIES]

● Overview

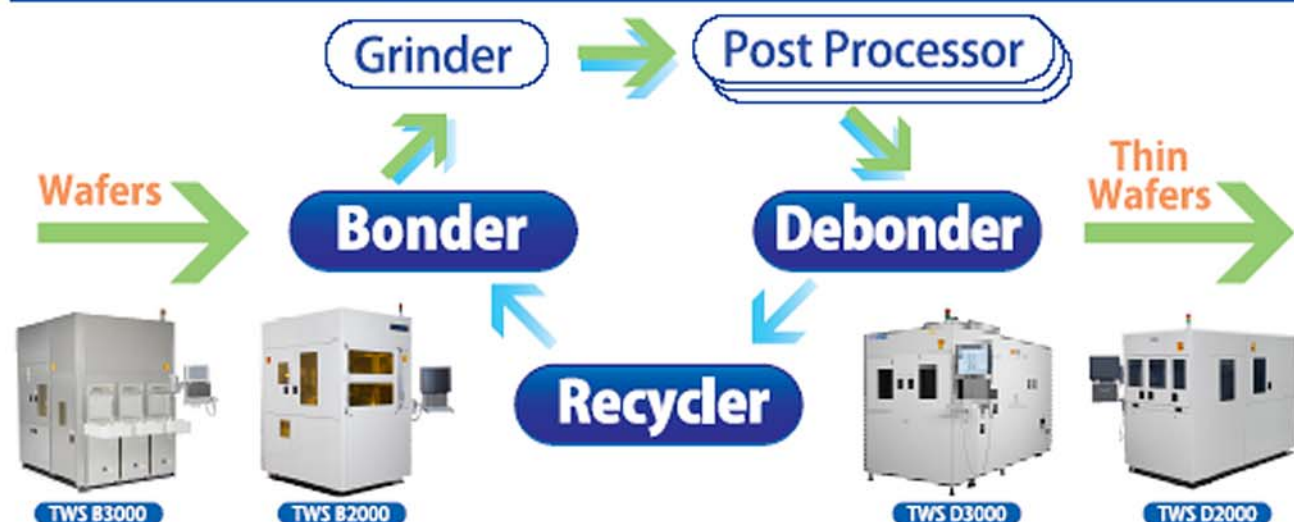
This system was designed for temporarily bonding of ultra thin wafer for advanced 3D packaging requirement. Unique UV hardening resin is used for the bonding of wafer and supporting material realizing excellent TTV, high accuracy alignment, normal temperature bonding and high throughput. The system have already introduced to Memory device, Power device and also other various production lines and achieving low CoO for the mass production.

● Features

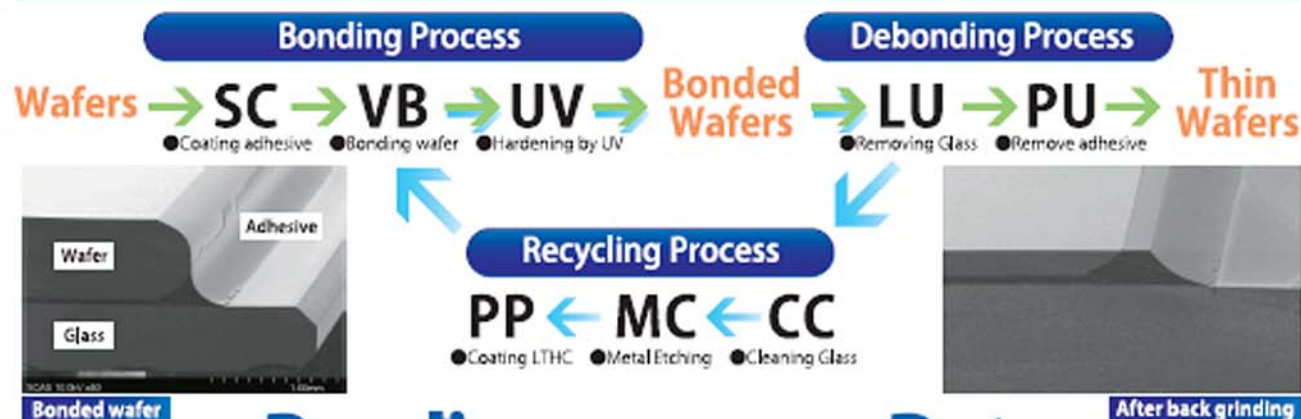
- **High throughput** ... realized >24 WPH
- **High accuracy** ... achieving TTV(Total Thickness Variation) < 5 μ m
- **Normal temperature bonding** ... Almost no thermal impact to the wafer when bonding with supporting material by adopting UV hardening resin.
- **Low cost** ... Repeated use of supporting material is possible thus used glass recycling tool is also line upped.
- **Dry process** ... Bonding, de-bonding of supporting material is performed by all dry process and no organic solvent are used.



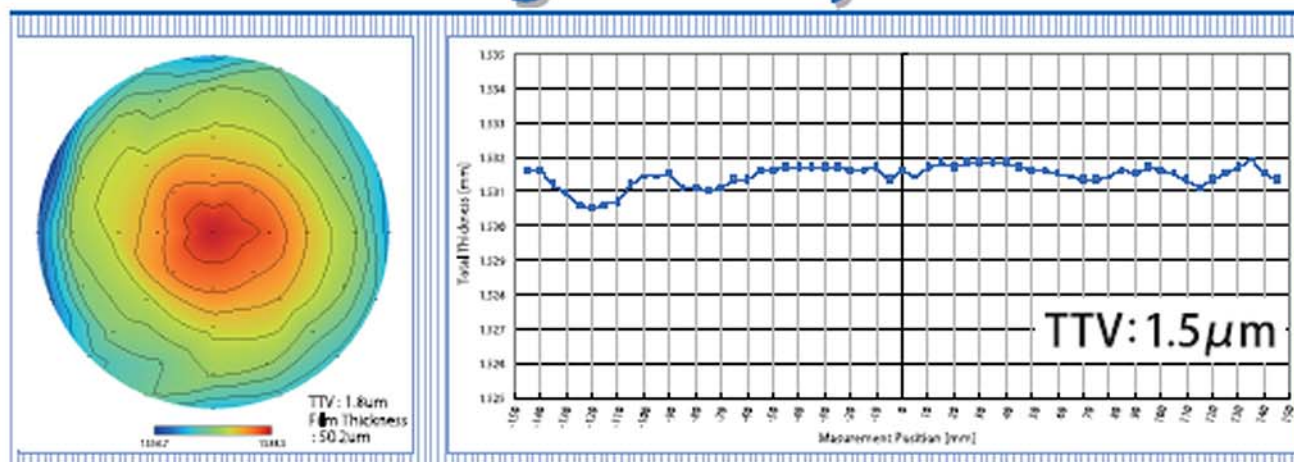
Wafer Support System Process Flow



Unit Process Flow

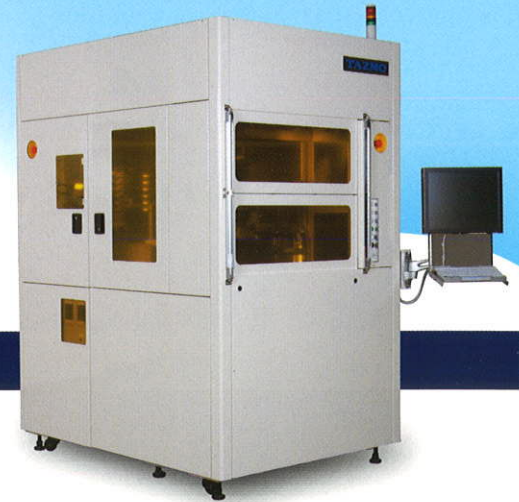


Bonding accuracy Data



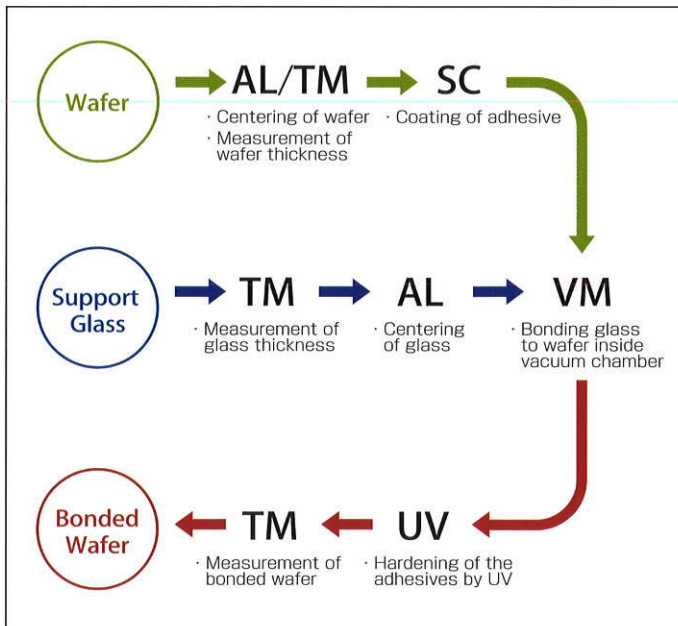
Wafer Support System

[TWS2000 SERIES]

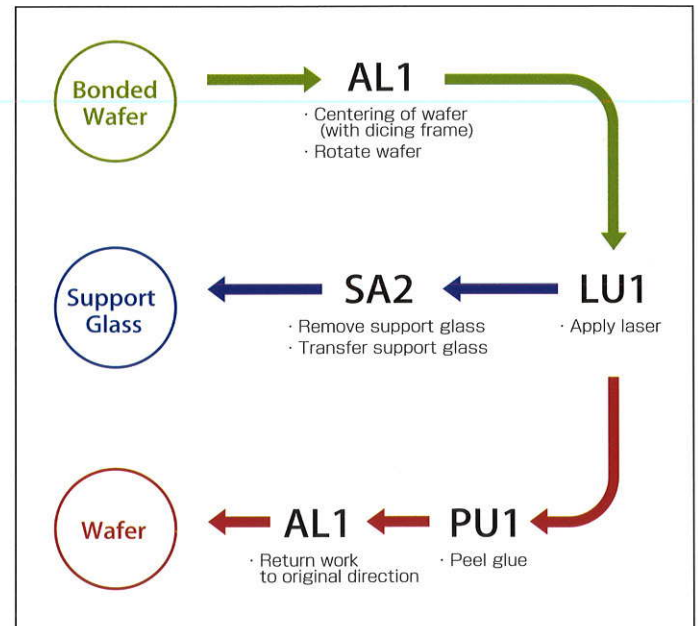


● System Process Flow

● Bonder [TWS B2000]



● Debonder [TWS D2000]



TAZMO Co.,Ltd. Head Office/Plant

6186 Kinoko-cho, Ibara-shi, Okayama 715-8603 Japan
 TEL: 81-866-62-9600 FAX: 81-866-9601 E-mail: prc-eg@tazmo.co.jp
 URL: <http://www.tazmo.co.jp/>

TAZMO Yokohama

Oota-Kousan-Building 3rd Floor, 2-4-15 Shinyokohama, Kouhoku-ku,
 Yokohama-shi, Kanagawa 222-0033 Japan
 TEL: 81-45-478-2034 FAX: 81-45-478-2036

TAZMO INC.

43036 Christy St. Fremont CA 94538-3165
 TEL: 1-510-4384890 FAX: 1-510-2264871 E-mail: info@tazmo.net
 URL: <http://www.tazmoinc.com/>

TAZMO Taiwan Office

7F-3, No.251, Fuxing 1st ST., Zhubei City, Hsinchu County, Taiwan
 TEL: 886-3-6673031

TAZMO Korea Office

Einstein Plaza 1004 Bansong-Dong 86-1 Hwaseong-Si Kyonggi-Do, Korea
 TEL: 82-70-4038-5221