

300mm Fully-Automatic BG Tape Remover

# RAD-3020F/12



## Outline

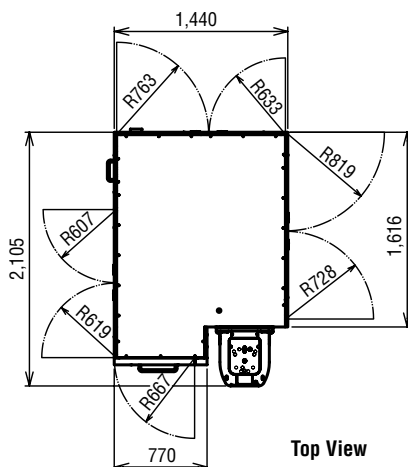
- Fully-automatic BG Tape remover for single wafer.
- After the wafer is aligned, the back grinding tape is UV irradiated as necessary. Then the peeling tape is attached to the wafer periphery by heat seal method, and back grinding tape removal is performed.
- By using our unique wafer holding table and the new peeling method that reduces stress on the wafer, back grinding tape removal is performed without any contact with the wafer backside.
- By adopting the non-contact wafer backside handling method, contamination of wafer is prevented.

**Option**

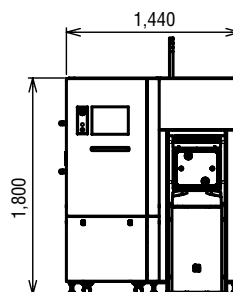
- Host Communication Function(Communication Format: Conforms to SECS-I and HSMS/Software: Conforms to GEM)
- Compatible with clean room applications, and suitable for front-end process

**Suitable Tapes** ·BG Tape: Adwill E series, P series

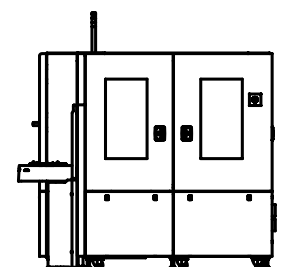
## External View



Top View



Front View



Right Side View

Unit:mm

## Facility

<b>Power Supply</b>	Voltage	: AC200-230V ±10% (AC190-253V)
	Frequency	: 50/60Hz
	Phase	: single phase
	Power consumption	: 3.5kW (with UV Irradiation System: 10kW)
<b>Air Supply</b>	Air pressure	: 0.6-0.8MPa
	Air consumption	: >200L/min (ANR)
<b>Vacuum Supply (for workpiece)</b>	Vacuum pressure	: >-80kPa

## Applicable Wafer Size

300mm  
Please inquire about options for compatibility with specific wafer sizes.

## Size

Width : 1,440mm  
Depth : 2,105mm  
Height : 1,800mm  
(excluding the signal tower and protruding parts)

## Weight

1,600kg

## UPH

45wafers/hour

The above processing capacity is based on following conditions:

Wafer : 300mm diameter non-polished mirror wafer  
Back grinding tape : E-6142S from LINTEC



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