

# HRG300

High Rigid Grinder

High Rigid Grinding

Fast and Damageless

Low Cost

Batch Processing Available

In-process Dressing (optional)





### Target Material

Hard Brittle Material as Sapphire, SiC, GaN, and ALN

### Target Work

Size :  $\phi 2$  to  $\phi 12$  inch  
Maximum Thickness : 20mm (include base plate)

### Actual Result Example

Materials	Size	Numbers processed	Grinded thickness	Processing time
Sapphire	$\phi 4$ inch	4 wafers/batch	530 $\mu\text{m}$	10mins(2min30sec/each)
SiC	$\phi 4$ inch	Single Processing	120 $\mu\text{m}$	1 min
ALN	$\phi 6$ inch	Single Processing	500 $\mu\text{m}$	4 mins

### In-process Dressing (optional)



No	Category	ACCRETECH
		High-Rigid Grinder
1	Appreance(mm)	Size : 1540(W) x 1880(D) x 2010(H) Weight : 3850 kg
2	Max Processing Diameter(mm)	300
3	Grinding Wheel Diameter(mm)	300
4	Grinding Wheel Rotation(rpm)	3600
5	Work Spindle Rotation(rpm)	400
6	Grinding Wheel Spindle (Kw)	11
7	Work Spindle (Kw)	2
8	Automatic Monitor	In-process gauge (Batch process available)
9	Grinding Resolution( $\mu\text{m}$ )	0.1
10	Perpetual Dressing	option

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