

AC 1500 P3 ADVANCED

PRIME WAFER DOUBLE-SIDE POLISHING SYSTEM



6 WAFER/BATCH 300mm WAFER

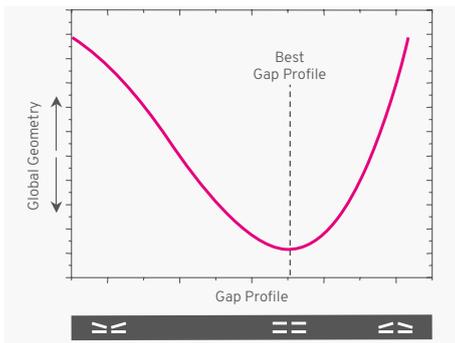
THE MOST COMPREHENSIVE SOLUTION

- ✓ Unique and patented UPAC (Upper Platen Adaptive Control) System
- ✓ 2 Gap Sensors
- ✓ Benchmark in precision, quality, efficiency, and cost of ownership
- ✓ The most flexible machine for supporting all future wafer requirements

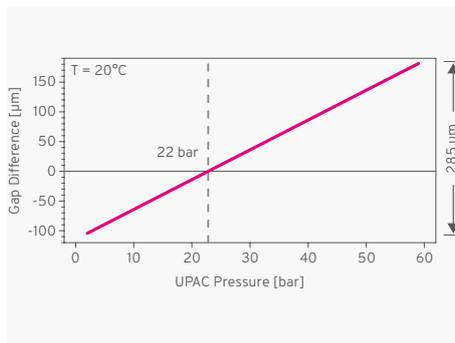
BENCHMARK IN PRECISION, QUALITY AND EFFICIENCY

HIGHLIGHTS AC 1500 P3 ADVANCED

- ✔ Unique and patented UPAC (Upper Platen Adaptive Control) System
 - ✔ Monitoring of the cooling lubricant flow rate
 - ✔ Loop control
- ✔ First-Class customer support for the highest machine availability and productivity
 - ✔ High-Pressure Conditioner
 - ✔ Slurry Recycling Station
 - ✔ Slurry Pressure Distribution
- ✔ Integrated Process Data Recording (DataCare®)
 - ✔ Industry 4.0
 - ✔ Touch Screen



The importance of the gap – Perfect wafer flatness requires gap adjustment



UPAC System – Global Measurement



Detailed graphic display of process data

TECHNICAL DATA	AC 1500 P3 ADVANCED
Wheel diameter [mm]	1470
Ring width [mm]	454.5
Max. load pressure [daN]	1500
Upper/lower drive power [kW]	18
Upper/lower drive speed [rpm]	0–60
Center drive power [kW]	4.5
Center drive speed [rpm]	0–60
Outer drive power [kW]	6
Outer drive speed [rpm]	0–10.5
Working wheel cooling/heating	Labyrinth
Machine dimensions [H × W × D] [mm]	2500 × 3070 × 2900
Weight [kg]	11000
Load capacity 300mm [12"] Wafer	6

GET IN TOUCH WITH US TODAY
TOGETHER WE WILL FIND A SOLUTION
FOR YOUR REQUIREMENTS

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