

高精度チラー・温湿調器の温度変動を最小化

Minimize the temperature fluctuation of precisely controlled chiller water / air



超高精度温度安定化ユニット

Super Precise Temp. Stabilizer Unit

高精度チラー/温湿調器から更なる温度変動最小化を実現

Realize further stabilization of the temperature on precisely controlled chiller water / air

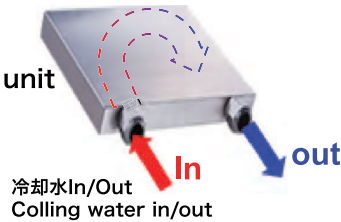
高精度チラー冷却水の温度安定化

Stabilization of temperature on chiller controlled water

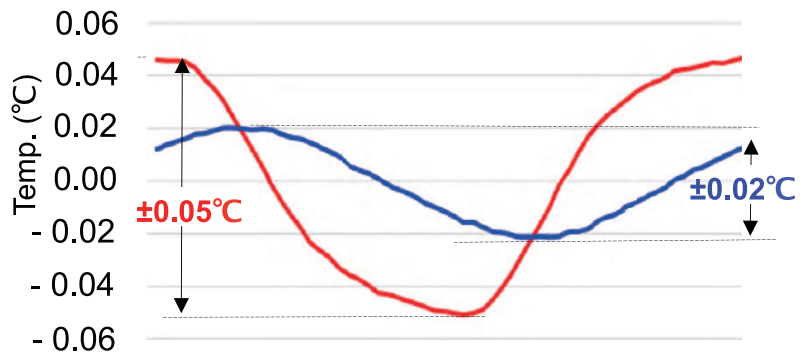
60%の変動量改善
($\pm 0.05^{\circ}\text{C} \rightarrow \pm 0.02^{\circ}\text{C}$)

Improvement of the fluctuation by 60%

温度安定化ユニット
Temp stabilization unit



冷却水In/Out
Cooling water in/out

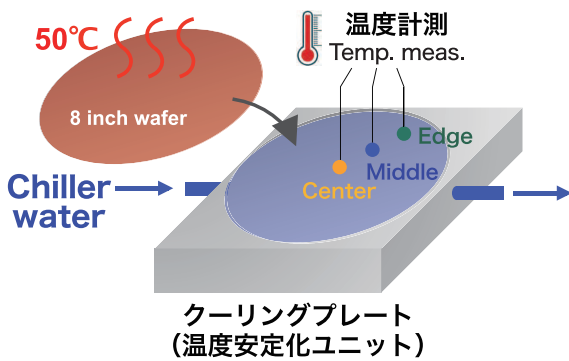


クーリング時のウェーハ温度安定化 (降温時のバラツキ均一化)

Stabilization of temperature on wafer (Improvement of wafer temp. uniformity in temp. fall)

バラツキを最小化

Minimize temp. fluctuation in temp. fall



クーリングプレート (温度安定化ユニット)
Cooling plate with temp stabilization unit

