WHAT IS CLAIMED IS:

1. A processing apparatus comprising:

a chuck table having a holding surface configured to hold a workpiece and a frame body surrounding the holding surface;

a processing unit configured to process the workpiece held on the chuck table;

a moving unit configured to move the chuck table and the processing unit relative to each other in an X-axis direction parallel with the holding surface and a Y-axis direction orthogonal to the X-axis direction;

a height measuring unit fitted to the processing unit, the height measuring unit measuring, as height data, heights (Z) at a plurality of coordinates (X, Y) of the holding surface measured while the moving unit is moved, said height data being for each said chuck table of a plurality of chuck tables;

a reading unit capable of reading an information medium; and

a control unit, wherein

the chuck table includes an information medium having identifying information associated with the chuck table that distinguishes the chuck table from other of said plurality of chuck tables, said information medium also including height data associated with the chuck table that is recorded prior to processing for each of said plurality of chuck tables;

the reading unit reads the information medium of the

chuck table installed in the processing apparatus, and

the control unit includes:

a height data recording section configured to record the height data and the identifying information in association with each other, and

a processing control section configured to adjust a height of the processing unit during processing based on the height data associated with the identifying information read by the reading unit for said chuck table when said chuck table includes said information medium; and

when said chuck table does not include said information medium, the control unit causes said height measuring unit to measure the height of said one of the plurality of chuck tables before processing.

2. A processing apparatus comprising:

a chuck table having a holding surface configured to hold a workpiece and a frame body surrounding the holding surface;

a processing unit configured to process the workpiece held on the chuck table;

a moving unit configured to move the chuck table and the processing unit relative to each other in an X-axis direction parallel with the holding surface and a Y-axis direction orthogonal to the X-axis direction;

a height measuring unit fitted to the processing unit, the height measuring unit measuring, as height data, heights (Z)

at a plurality of coordinates (X, Y) of the holding surface measured while the moving unit is moved, said height data being for each said chuck table of a plurality of chuck tables;

a reading unit configured to read an information medium; and

a control unit, wherein

the chuck table includes the information medium having identifying information associated with the chuck table and the height data of the chuck table that is recorded prior to processing for each of said plurality of chuck tables, and

the control unit includes a processing control section configured to adjust a height of the processing unit during processing based on the height data read by the reading unit for the chuck table when said chuck table includes said information medium; and

when said chuck table does not include said information medium, the control unit causes said height measuring unit to measure the height data of said one of plurality of chuck tables before processing.

3. The processing apparatus according to claim 1, wherein

the information medium is formed by a two-dimensional code or a radio frequency tag of radio frequency identification in which information is written and read by wireless communication.

4. The processing apparatus according to claim 2, wherein

the information medium is formed by a two-dimensional code or a radio frequency tag of radio frequency identification in which information is written and read by wireless communication.