

# Nano/Micro Rotation Stage

## UP-200R Series

The Nano/Micro Rotation Stage UP-200R Series are small rotation stages developed for applications that require microscopic rotation and position detection in atmospheric and high-vacuum conditions.

### ● Features

- Compact design allows incorporation into a variety of scanning electron microscopes (SEMs) and focused ion beam (FIB) systems. (Contact us for details)
- Models are also available with optional rotational angle detection.
- Installing the Unisoku XYZ Three-axis Nano-manipulator/Prober's Z-stage enables applications that require a XYZ+R (rotation) four-axis stage.
- Simple operation from a PC running Windows.

### ● Primary Applications

- Rotational operation and angle detection under SEM, FIB, and optical microscopy
- Nano/Micro-manipulation and probing combining XYZ operation and rotational operation.

### ● Lineup

#### • Rotation Stage (R)

Consists of stage unit, controller, and control software (PC optional).  
Selectable rotational angle detection function.

Model No.

- UP-200R... No rotational angle detection function
- UP-200RE... With rotational angle detection function

#### • XYZ Three-axis + Rotation (R) Stage

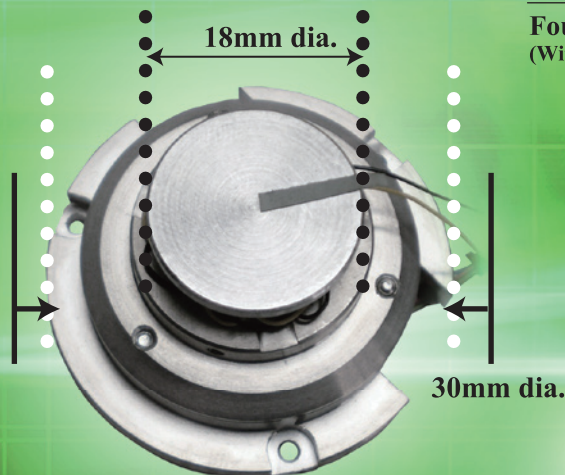
Consists of stage unit, controller, and control software (PC optional).  
Selectable rotational angle detection function.

Model No.

- UP-200UR... No rotational angle detection function
- UP-200URE... With rotational angle detection function

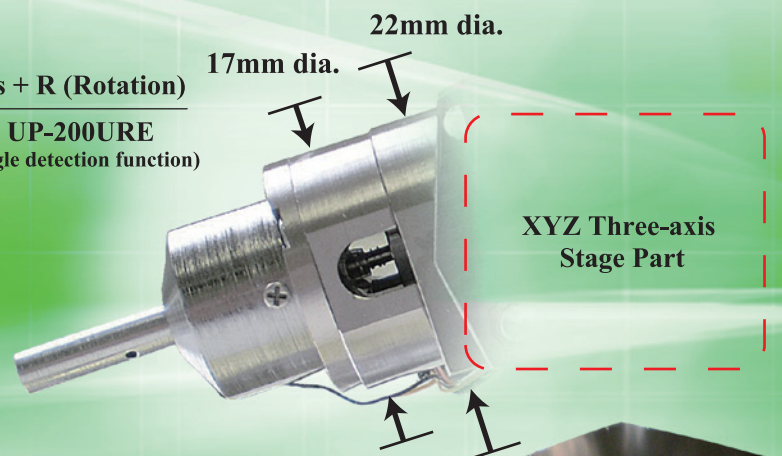
#### XYZ Three-axis + R (Rotation)

Four-axis Stage UP-200URE  
(With rotational angle detection function)

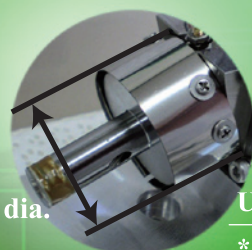


Rotation Stage  
UP-200R, UP-200RE

\* Rotor shape can be modified



XYZ Three-axis  
Stage Part



22mm dia.

UP-200UR Rotor

\*Shape of rotor at tip can be modified  
(No rotational angle detection function)



Controller

