

MIRUC

UV BONDING JIG EQUIPPED WITH A Z-AXIS STAGE



TIME
SAVER

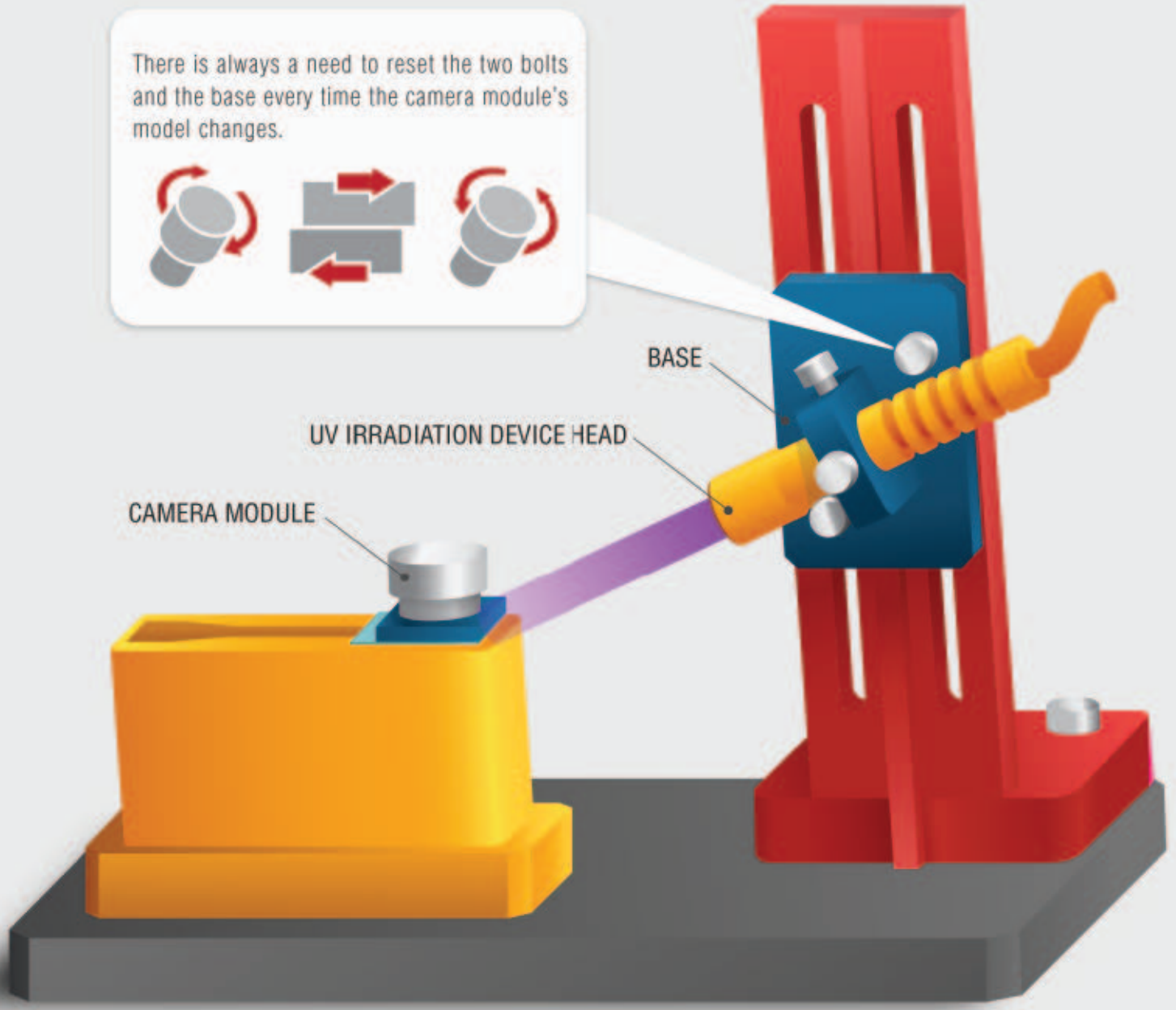


PROCESS
IMPROVEMENT



SETTING THE HEIGHT OF THE UV BONDER'S HEAD IS INEFFICIENT.

There is always a need to reset the two bolts and the base every time the camera module's model changes.



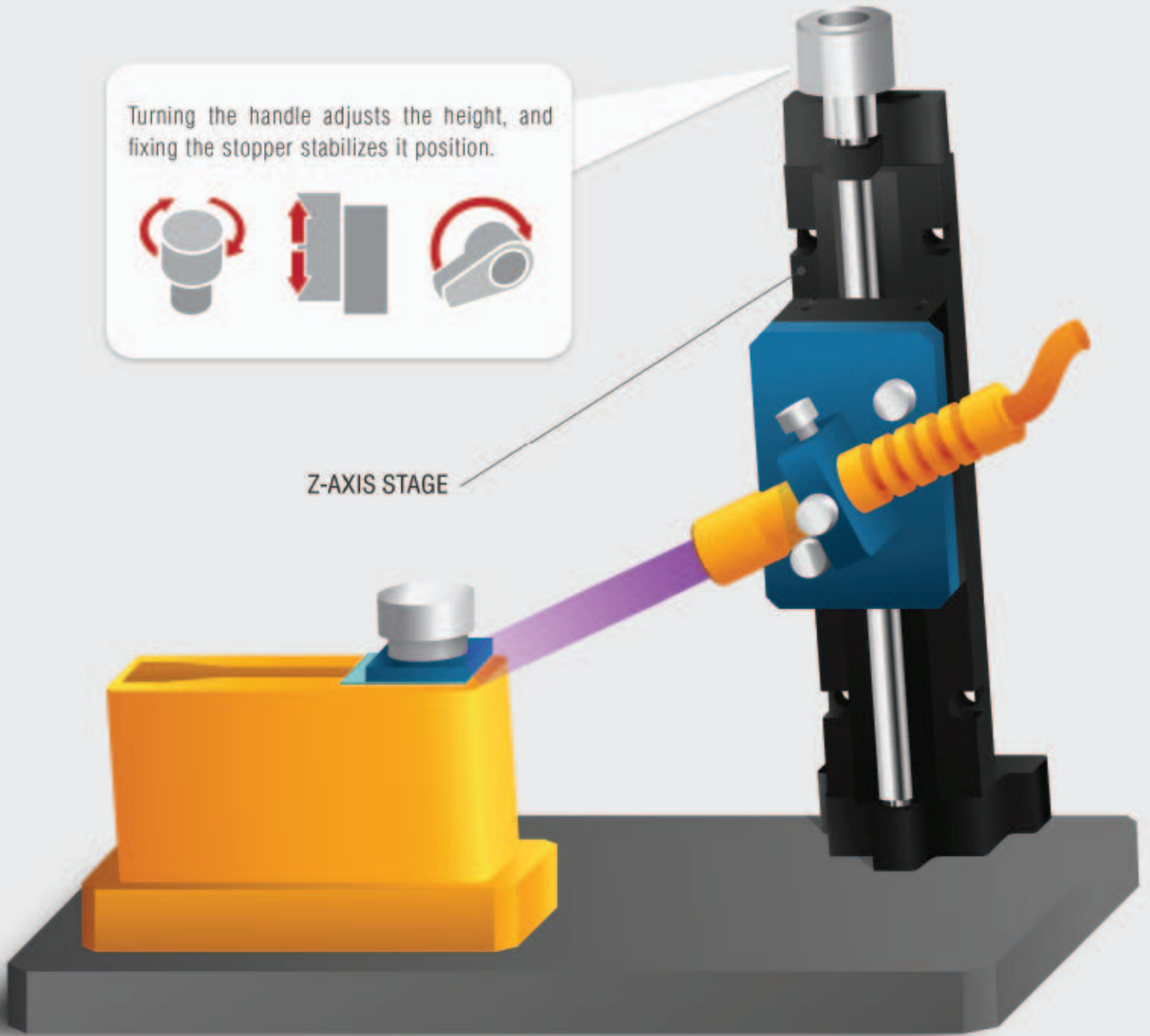
The camera module's housing and circuit board are to be UV-bonded. Every time the model of the camera module to be manufactured changes, the height and position of the UV bonder have to be adjusted in accordance. In addition, UV bonding of the housing and circuit board has to be conducted in four directions, so four head settings are also necessary - leading to more resetting of the bonder (Note: The above diagram only shows one setting.).

WITH THE USE OF THE Z-AXIS STAGE, SETTING THE HEIGHT OF THE UV BONDER IS NOW SPEEDY, STABLE AND EASY.

Turning the handle adjusts the height, and fixing the stopper stabilizes its position.



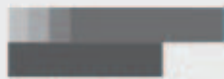
Z-AXIS STAGE



Dealing with loosening and retightening of bolts, etc. are not necessary with the use of the Z-Axis Stage. Moreover, the height can be maintained firmly without shifting by tightening the stopper.

Even small adjustments can be easily done because of the smooth handle operation, improving speed and accuracy.

Z-AXIS STAGE (ZTSC-120)



SMOOTH SLIDING



HIGH DURABILITY



PRESSURIZATION
FUNCTION



STAGE SURFACE:
25MM X 40MM



MOVEMENT:
 $\pm 42\text{MM}$



WEIGHT: 0.2 KG



MADE OF
ALUMINUM ALLOY



SATIN BLACK
ANODIZED ALUMINUM



USING THE Z-AXIS STAGE TOGETHER WITH THE XY-AXIS STAGE OR THE ROTARY STAGE ALLOWS FOR MORE EFFICIENCY.

In the above case, for example, setting up the bonder's head with the XY Stage, and using the Rotary Stage for the head's tilt, can lead to improved workability with the workpiece.

Combining the use of various stages, depending on the operation, allows for more efficiency in the work environment.

