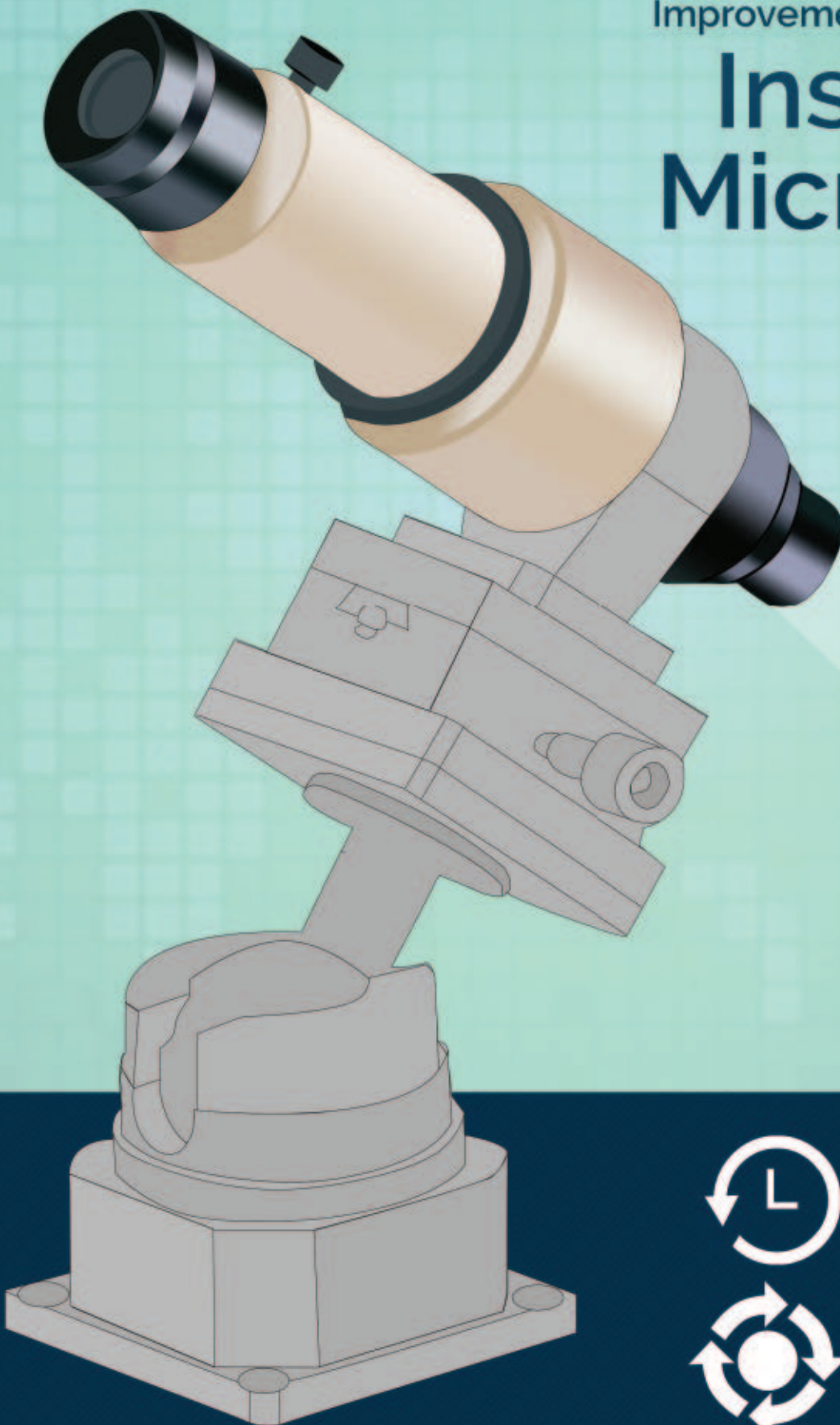




Crack Inspection  
Improvement of Equipment with

# Inspection Microscope



TIME SAVER



PROCESS  
IMPROVEMENT

Some defects are overlooked when inspecting using a magnifying glass.



**MAGNIFYING GLASS**

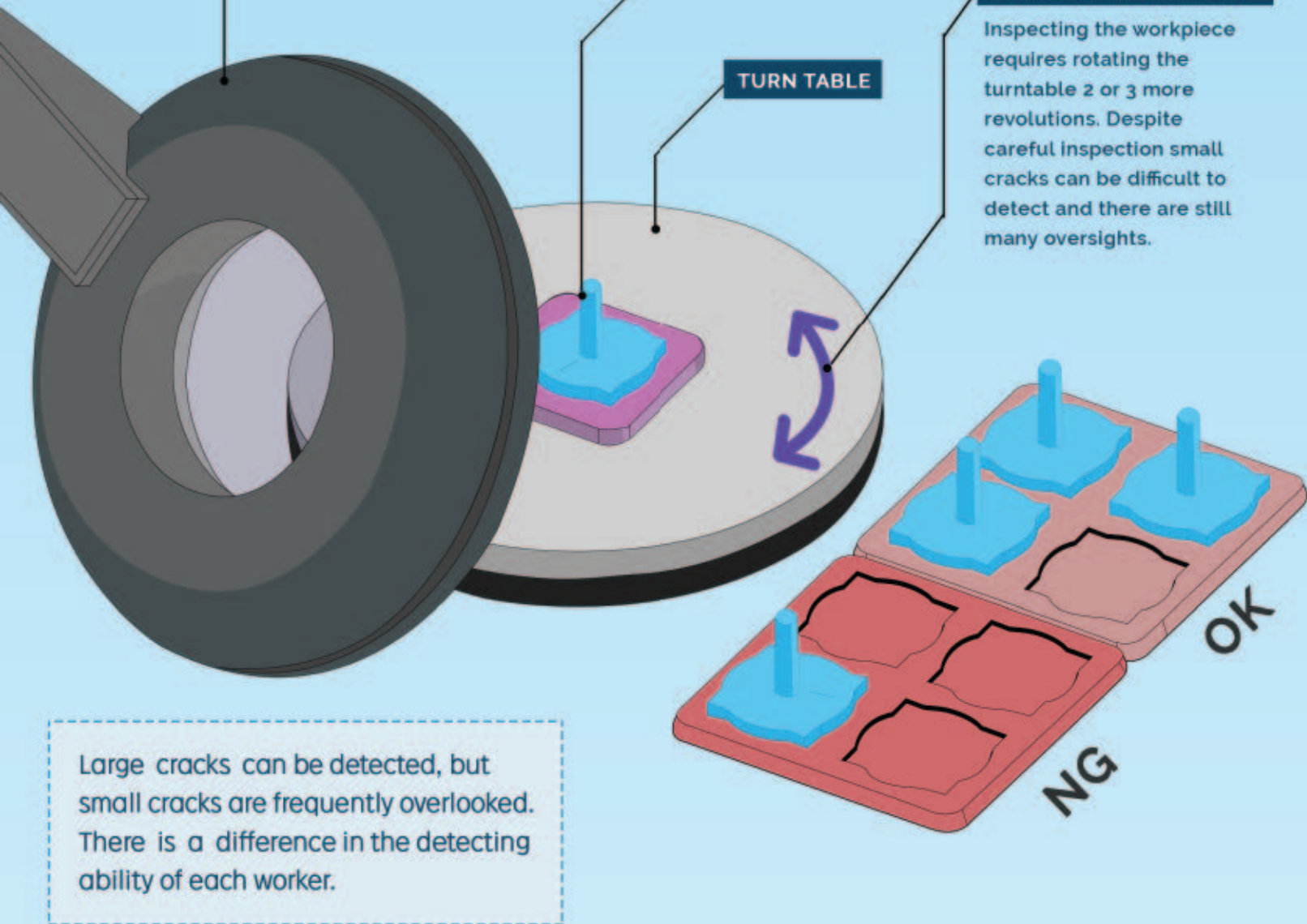
Inspectors check for cracks which occur on the base of the molded resin.

**WORKPIECE**

**TURN TABLE**

**SLOWLY ROTATE BY HAND**

Inspecting the workpiece requires rotating the turntable 2 or 3 more revolutions. Despite careful inspection small cracks can be difficult to detect and there are still many oversights.



Since the appearance of the cracks is different depending on the angle of view of the workpiece when seen through the magnifying glass, and the difference in the detecting ability among workers becomes evident, leading to a variation in the quality.

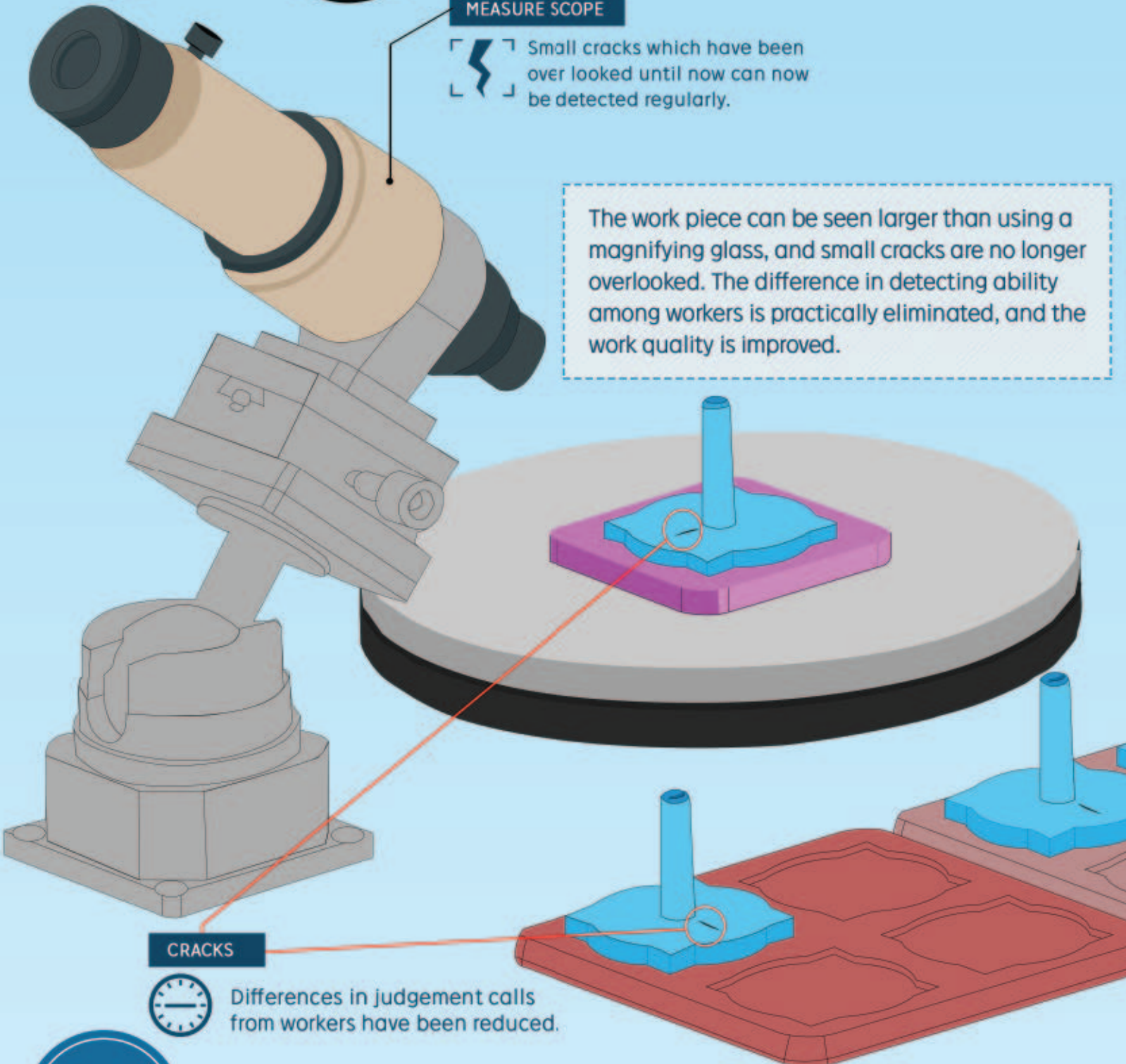
Cracks are no longer overlooked and space is saved by switching to an inspection microscope.



**MEASURE SCOPE**

Small cracks which have been overlooked until now can now be detected regularly.

The work piece can be seen larger than using a magnifying glass, and small cracks are no longer overlooked. The difference in detecting ability among workers is practically eliminated, and the work quality is improved.



**CRACKS**

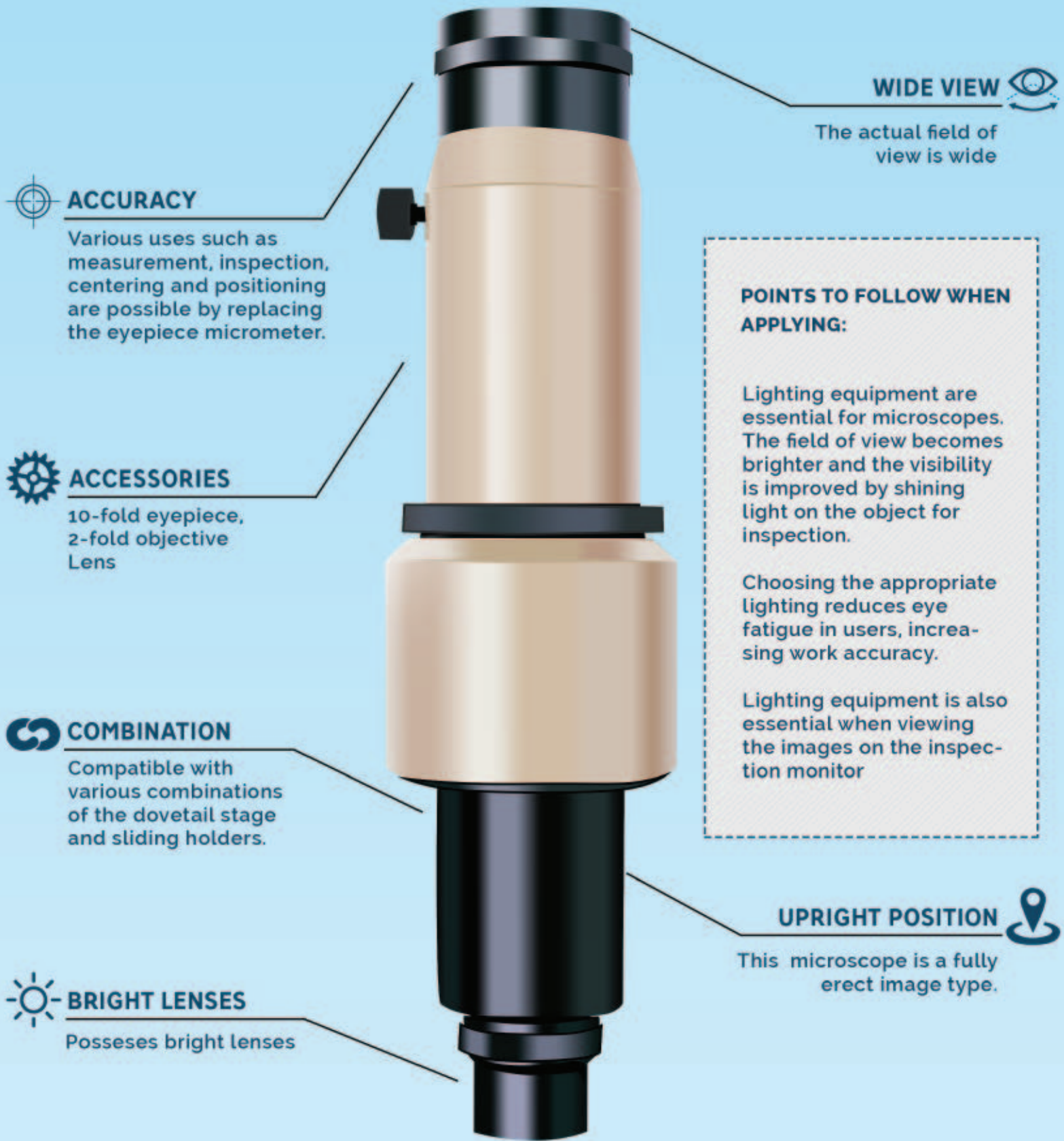


Differences in judgement calls from workers have been reduced.



Significant space saved by the combined tilt swivel and x-axis stages allowing for a more efficient arrangement of inspection processes and a better working environment.

# Features of Inspection Microscope Measure Scope [M-1 (A)]



## WIDE VIEW

The actual field of view is wide

## ACCURACY

Various uses such as measurement, inspection, centering and positioning are possible by replacing the eyepiece micrometer.

## ACCESSORIES

10-fold eyepiece, 2-fold objective Lens

## COMBINATION

Compatible with various combinations of the dovetail stage and sliding holders.

## BRIGHT LENSES

Possesses bright lenses

## POINTS TO FOLLOW WHEN APPLYING:

Lighting equipment are essential for microscopes. The field of view becomes brighter and the visibility is improved by shining light on the object for inspection.

Choosing the appropriate lighting reduces eye fatigue in users, increasing work accuracy.

Lighting equipment is also essential when viewing the images on the inspection monitor

## UPRIGHT POSITION

This microscope is a fully erect image type.