MIRUC

LENS EMBEDDING OPERATIONS

with The

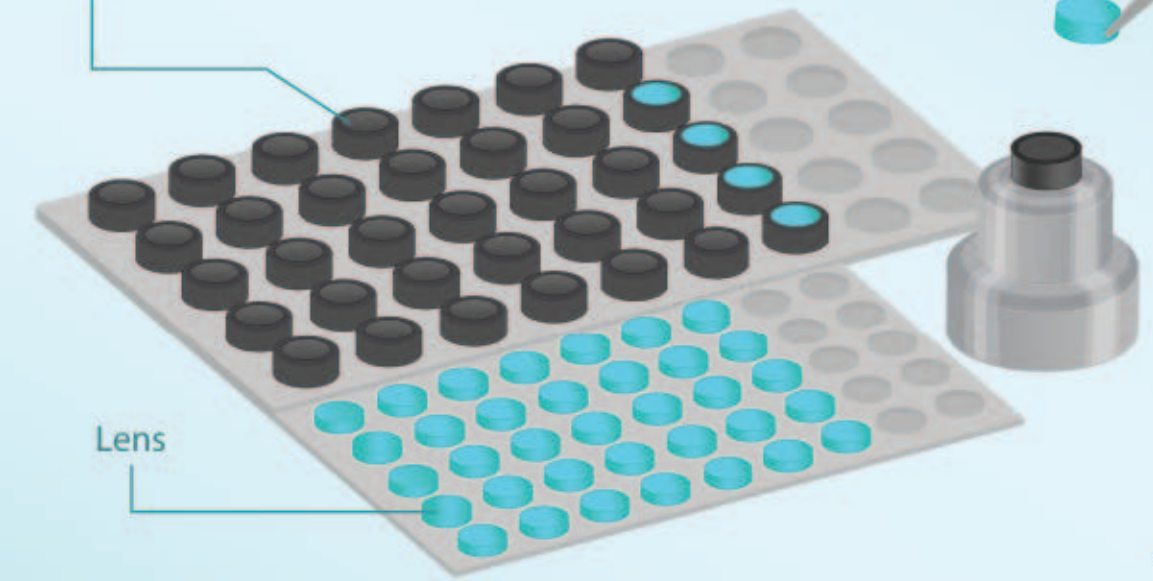
Air Pit Vacuum Tweezers

TIME SAVER

PROCESS IMPROVEMENT

Using tweezers during embedding tires hands - this may sometimes lead to delicate lenses being accidentally dropped on the floor.

Before heat welding of the lens, the outer periphery of the lens are clamped with a pair of tweezers for them to be placed inside their frames.

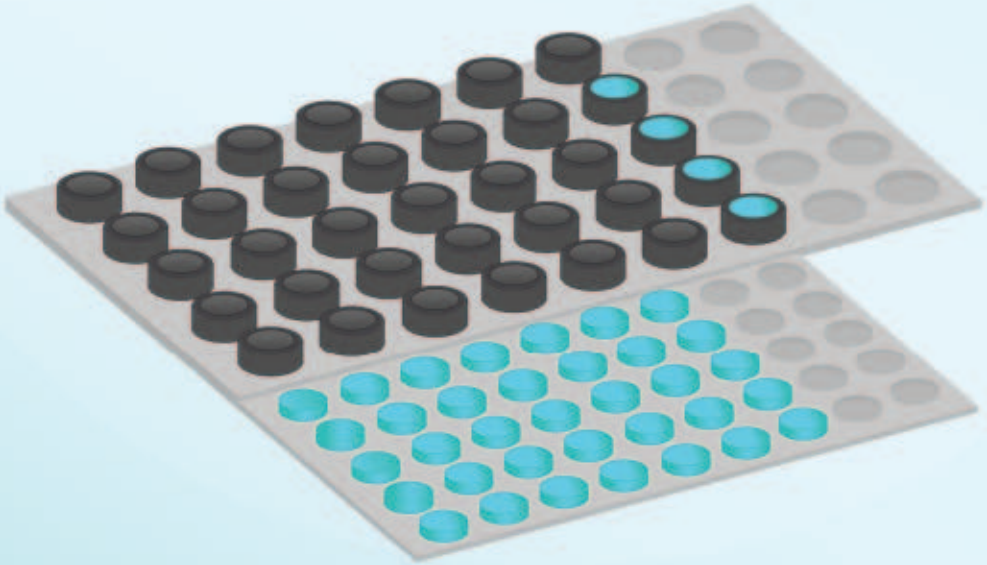


If the lens is not clamped properly, or if the hands are tired and loses their gripping force, the lenses are sometimes dropped.

Everytime a lens is dropped on the floor, workers need to check the lens for scratches and clean it if necessary, doubling the work time.

By using the air pit vacuum tweezers, users would not get tired, making handling lenses easy.

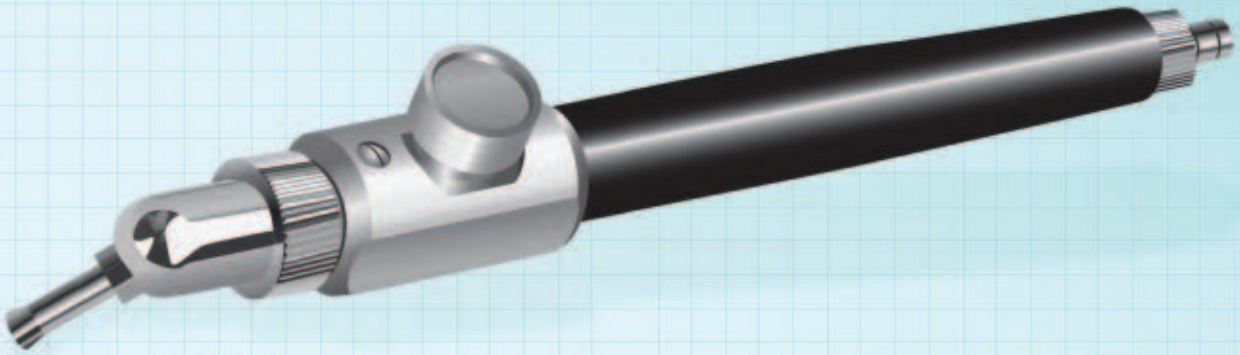
Easy to operate vacuum control for workers picking up/dropping work pieces. Vacuum force can also be controlled with airflow adjustment screw.



You can operate it like holding a pen and your hands won't get tired even if you work for a long time.

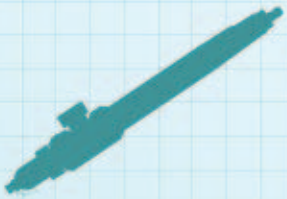
Rubber pads in the tip of the attachments allow the air pit to pick up the lenses without scratching them. It comes in four sizes allowing workers to select the most suitable pads on the shape and weight of the lens.

Characteristics of the Air Pit (P type)



Easy to Operate

360 degree rotation



127.8 mm x 13mm
x 20.3 mm

Points to Follow:

The work efficiency of the attachment/detachment of the workpiece using vacuum tweezers is greatly influenced by the hole diameter, material and shape.

In particular, during the handling of ultra-lightweight micro-components (chip parts, etc.) There are cases where the withdrawal cannot be done smoothly. In this case, the best operability can probably be achieved by

1. Selecting the needle type ultra-fine hole diameter attachment

2. Loosening the airflow adjustment screw.