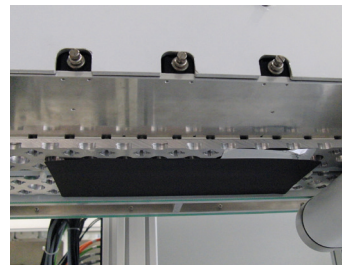
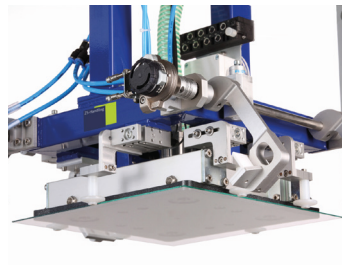
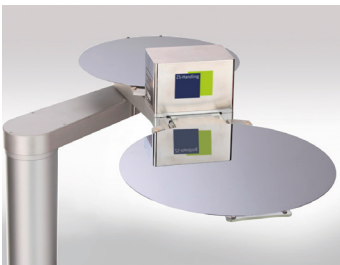


Contactless Handlingsystems



DO YOU HANDLE TOUCH-SENSITIVE MATERIALS?

The Ultrasonic Suspension Technology provides optimal handling of form labile, fragile or surface sensitive materials. Our technology can be applied in nearly all industries when it comes to ultra-gentle handling.



Advantages of the Ultrasonic Suspension Technology:

- No (micro-) scratches on the substrate
- No carry-over of impurities
- No introduction of mechanical stresses into workpieces, thus reducing the risk of workpiece damage
- Very easy to clean and maintain
- Handling of formless and sensitive components and workpieces
- Throughputs up to three times higher depending on the application

[zs-handling.com](https://www.zs-handling.com)

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Weitere Informationen erhalten Sie mit nebenstehendem QR-Code oder unter <https://www.zs-handling.com>



Innovative Technology:

Ultrasonic Suspension



Our handling systems use the ultrasonic suspension technology to apply the handling forces to the workpiece and can be used in all atmospheric processes.

Vibration generators with separate power electronics generate a compressed air film with repulsive forces. Process combinations enable the generation of attracting forces.

The surrounding air or process gas is compressed by the ultrasound. This allows components to be lifted and guided along defined paths without contact. In combination with negative pressure, workpieces can also be gripped on the upper side - without touching them.

The ultrasonic suspension technology requires less energy than other non-contact handling technologies.

We at ZS-Handling have a mission:

to enable our customers to handle sensitive products in production and for testing purposes without contact.

We make parts float.

Since 2006, we have been developing, producing and selling components and special machines for users in Europe, North America and Asia.

Our Products

LeviSolar-Gripper
 LeviWafer-Gripper
 MicroLevi-Gripper
 OptoMicroMed-Gripper
 RobotOverhead-Gripper
 UltraLevi-Chuck
 UltraLevi-Desk
 LinearLevi-Conveyor
 LinearOverhead-Transport-System
 LinearLevi-Inspektions-Module
 Modulares Waferhandling-System
 Levi-Roll

Applications



- Battery and fuel cell
- Foil
- Glass
- Lenses
- Medical Technology
- Packaging
- Wafers & Chips

Processes



- Loading and unloading
- Conveying
- Gripping
- Inspection
- Sorting
- Separating