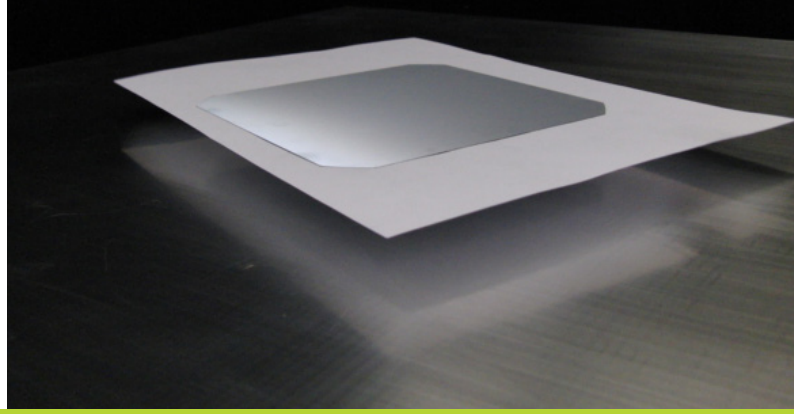
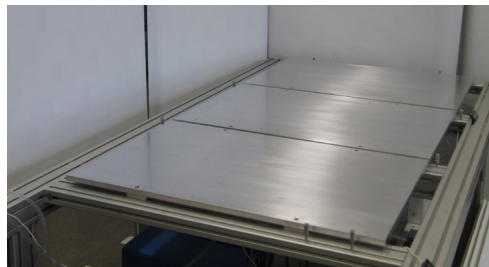
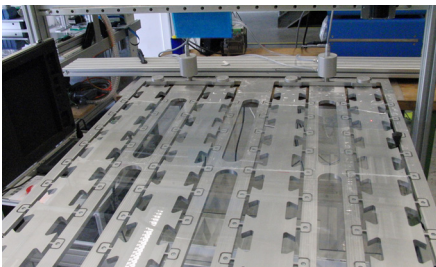


UltraLevi-Desk



CONTACTLESS HANDLING IN PRODUCTION

With the UltraLevi-Desk it is possible to transport and (un)load substrates without contact.



No scratches on the substrate during transport

The substrate is kept at a distance, which allows contactless transport. This prevents micro-scratches and contamination. It is used for battery cells, glasses, foils, packaging, wafers and in medical technology.

Features of the UltraLevi-Desk:

- Stackable
- Various sizes
- Customizable according to customer specifications
- Recesses for inspection systems or cutting units

Applications



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

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Further information can be obtained
with the QR code on the right or
under <https://www.zs-handling.de>



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

LeviWafer-Gripper
 LinearLevi-Conveyor
 LinearLevi-Inspektions-Modul
 LinearOverhead-Transport-System
 Modular Waferhandling-System
 OptoMicroMed-Gripper
 RobotOverhead-Gripper
 RollToRoll-Transport-System
 UltraLevi-Desk

Applications



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

Processes



- Loading and unloading
- Conveying
- Gripping
- Inspection
- Sort
- Seperate