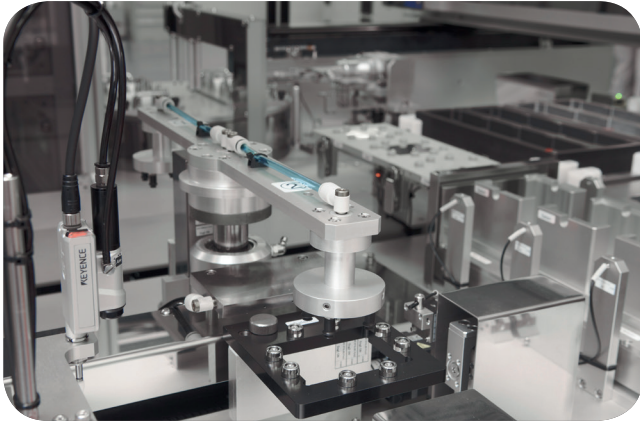


BONDING

FOR FULLY AUTOMATED AND INTEGRATED MANUFACTURING



fully automated bonding

Application

fully automated bonding solutions -
reproducible and clean

CUSTOMIZED BONDING

- thermal fusion bonding
- solvent bonding
- pressure sensitive adhesive bonding
- continues laser welding
- mask laser welding
- UV activated gluing
- ultrasonic welding
- lamination
- combination of the above

FULLY INTEGRATED BONDING LINES

- formats between cover glass and MTP size
 - rigid parts
 - elastic parts
 - thin film
 - membranes
- hybrid part bonding (e.g. plastic-glass)

YOUR BENEFITS

- **reproducibility and precision**
 - microstructure bonding (down to 5 μm)
 - exact structure geometry
 - accurate component alignment (down to 20 μm)
 - high bonding force
 - high optical quality
- **annealing/tempered/conditioned**
 - decreases the risk of shape change during shipping
 - stress reduction in the plastic parts
- **in-line QC**
 - visual check for flatness, contamination & structure shape
- **cleanroom conditions**



optimizing bonding processes