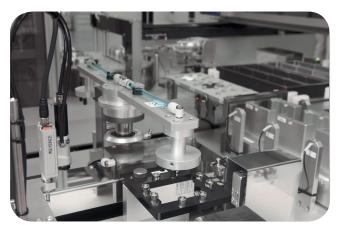
stra**tec**••

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

STS0518E06

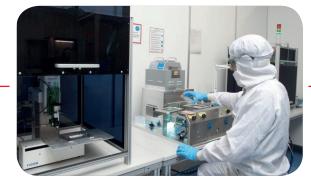
combination of the above

FULLY INTEGRATED BONDING LINES

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

YOUR BENEFITS

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



optimizing bonding processes