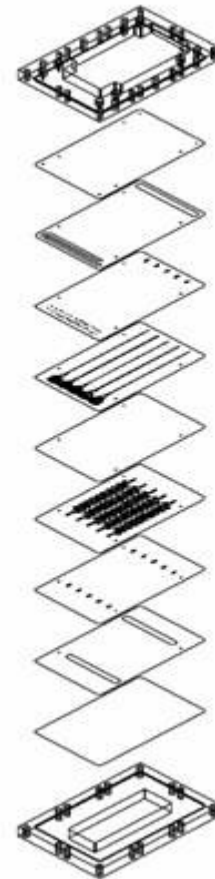
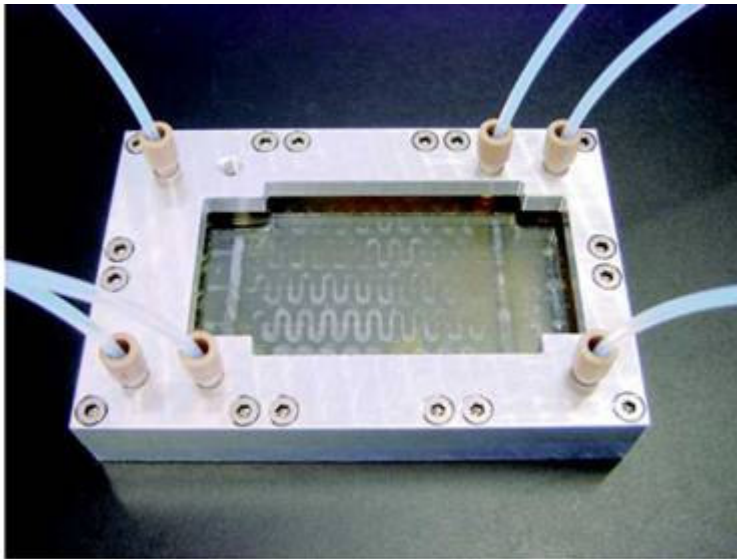


Mikroglas Reactor interdigital triangular design

The range of products for microreaction technology produced by **mikroglas chemtech GmbH** includes ready-to-connect modules such as different static mixers, microreactors, heat-exchangers and dwell devices. The new reactor has new designed interdigital mixing structures and therefore an essentially higher efficiency. The material glass makes the reactor modules resistant against aggressive liquids. Due to its optical transparency it is also possible to use the system for photochemical applications.



| Specifications | |
|-------------------------------|--|
| Number of layers | 9 |
| layer thickness | 0.2 mm to 2 mm |
| outer dimensions frame | 135 mm x 90 mm x 25 mm |
| outer dimensions glass part | 118 mm x 73 mm x 7.5 |
| number of reaction channels | 5 |
| reaction channel dimensions | height: 0.25 mm width: 0.5 mm length: 100 mm |
| heat exchange area | 250 mm ² |
| flow rate product | appr. 2 l/h (water 20°C; 1bar) |
| flow rate heat exchange fluid | appr. 10 l/h (water 20°C; 1bar) |
| connection | by ready-made Teflon tubes (1/4" UNF thread) |

