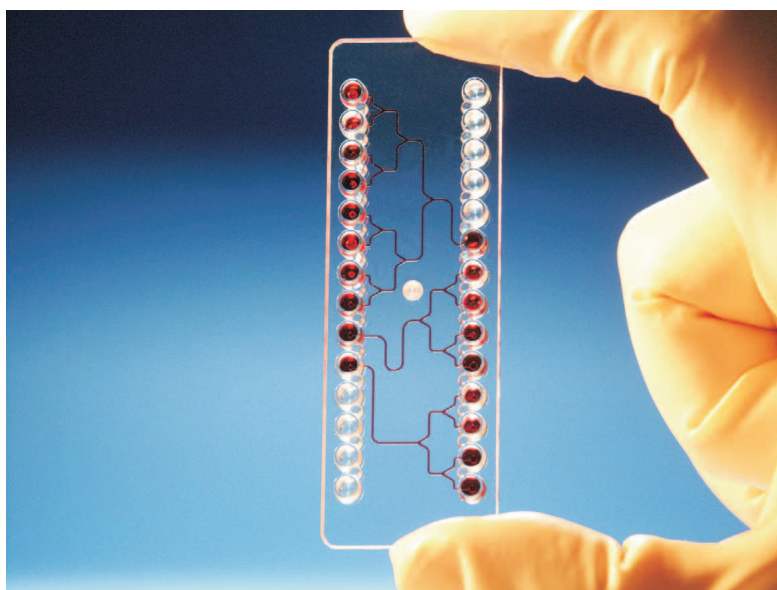


SCS0105

fluid splitter slide

Main features

- several splitters on one chip
- made of transparent plastic
- renders equal subsamples
- slide format



The SCS0105 fluid splitter slide features one 1-to-8 and two 1-to-4 microfluidic manifolds. It allows to divide a sample into up to eight

equal streams for parallel processing. The slide is made of cyclo-olefin copolymer (COC), which combines good optical

properties with biocompatibility and good chemical resistance to most acids and bases.

Technical specifications

max. inlet pressure (at 20° C)	min. 6000 hPa (≈87 psi)
operating temperature	10° - 50° C
media temperature	10° - 50° C
storage temperature	10° - 50° C
material	COC (Topas®)

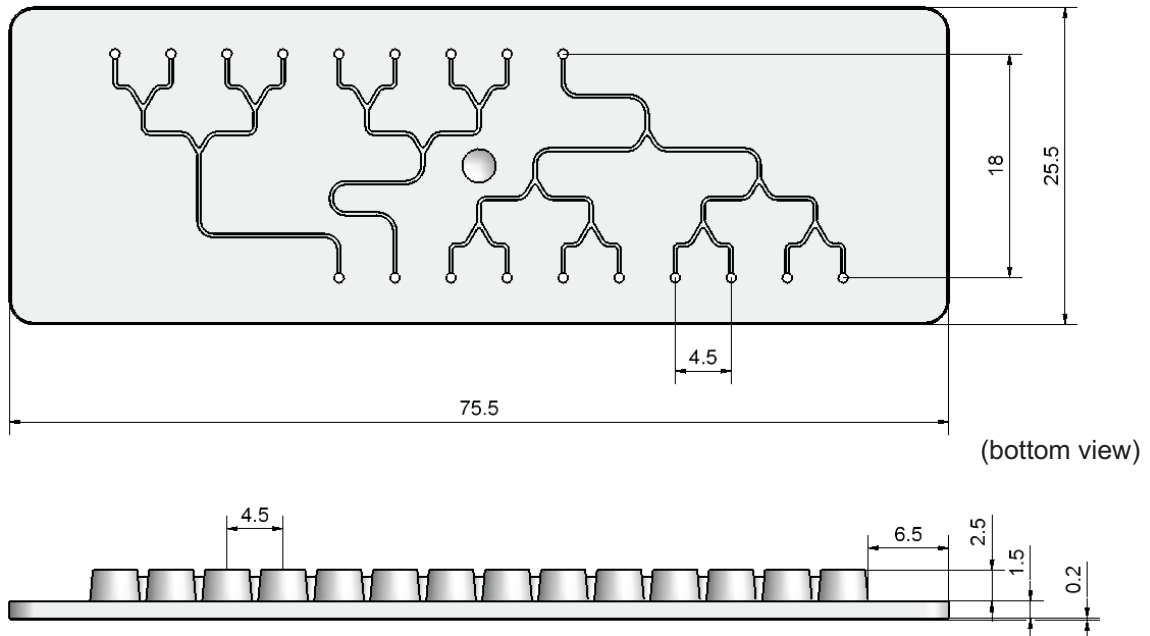
Fluid connection

A set of connectors is available which allows to connect standard tubes or typical laboratory tools such as pipettes or syringes to the fluid ports of the SCS0105.

Dimensions

channel no.*	length	width/depth	outlets	max. particle size
1	28.9 mm	300 µm	4	5 µm
2	28.9 mm	300 µm	4	5 µm
3	31.7 mm	300 µm	8	5 µm

* cf. page 2, top figure



(all dimensions in mm)

Order information

Description	Product code	Order code	Quantity
Fluid Splitter Slide	SCS0105	SC01CC0505	5