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11. Investigation and/or manipulation device according to claim 1, further comprising supply and/or removing means for respectively supplying to and removing the container fluid from the investigation and/or manipulation device.

12. Investigation and/or manipulation device for a sample which is located in a fluid, comprising:

a cantilever; and

an investigation and/or manipulation tool mounted at a first side of said cantilever and which during investigation and/or manipulation of said sample immerses into said fluid,

wherein during investigation and/or manipulation, a second side of said cantilever which lies substantially opposite to said first side is at least partly not immersed into said fluid.

13. Investigation and/or manipulation device according to claim 12, further comprising:

a positioning member for positioning said investigation and/or manipulation tool relative to said sample; and an adjacent flow-limiting member separated from said cantilever by a gap,

wherein the second side of the cantilever is at least partly not immersed into the fluid because said cantilever is separated from said adjacent flow-limiting member by the gap through which said fluid is prevented from flowing.

14. Investigation and/or manipulation device according to claim 13, further comprising:

a movable member arranged in the gap for preventing said fluid from flowing through the gap.

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15. Investigation and/or manipulation device according to claim 14, wherein said gap is dimensioned such that the surface tension of the fluid prevents said fluid from flowing through said gap.

16. Investigation and/or manipulation device according to claim 13, wherein said fluid has a surface tension which prevents said fluid from flowing through the gap.

17. Investigation and/or manipulation device according to claim 13, further comprising:

a counter-pressure-exerting member for exerting a counter-pressure on said fluid such that said fluid is prevented from flowing through the gap.

18. Investigation and/or manipulation device according to claim 13, further comprising:

an assistant fluid for building an interface towards said fluid, thereby preventing said fluid from flowing through the gap.

19. Investigation and/or manipulation device according to claim 12, further comprising:

an adjacent flow-limiting member connected to said cantilever, such that the second side of the cantilever is at least partly not immersed into the fluid.

20. Investigation and/or manipulation device according to claim 12, further comprising:

a sensor for sensing a deflection of the cantilever due to a force between the sample and the investigation and/or manipulation tool,

wherein said sensor is located at the second side of the cantilever.

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