

Features of the autosampler PS 61

1. washing position

membrane pump for liquid transportation to the washing port
rinsing liquid will flow by gravity

Material: PTFE

2. mixing position (in combination with a diluter)

dispensing and diluting the sample

rest of diluted sample will be sucked by membrane pump
cleaning by dispensing and aspirating of washing liquid

3. dispenser/diluter

model: cavro XLP 6000

3-port-valve

syringes: 0,5ml ...10ml

4. stirrer

DC-motor with power magnet (about 500 rpm)

teflon coated magnets in every sample glass

only possible for tray with 36 sample positions

stirring on the working position in the two outside tracks

middle track is for standards (stirring not possible)

5. trays

- tray 89 x 8ml (4 ml) in 4 tracks (PP vials)
- tray 53 x 18ml in 3 tracks (PP vials)
- tray 36 x 30 ml in 3 tracks (glass vials)
- tray 18 x 50 ml in 2 tracks (PP vial)
- customized configurations are possible

6. pulse mode

for pulse control of the sampler

two pulse inputs, free in the firmware programmed movements are possible

working like switch on/off

7. interface

standard interface RS 232 or USB

internal exist a second interface to control the diluter

8. special options

- integration of a peristaltic pump
- integration of switching liquid valves (on/off)
- switch for pulse start
- switch for stop function
- reset switch