

| | CETONI Elements | CETONI SDK / LabView / Python | | RS232 Library | CAN / RS232 Interface |
|-------------------------------------------------|------------------------|-------------------------------|----------------|---------------------------|------------------------------|
| Volume dosing | ✓ | ✓ | | ✓ | manually |
| Creation of constant flow | ✓ | ✓ | | ✓ | manually |
| Continuous flow (cross flow switching) | ✓ | ✓ | | – | – |
| Continuous flow (pressure controlled switching) | ✓ | planned | | – | – |
| Pressure controlled flow | ✓ | ✓ | | – | – |
| Initialisation (reference move) | ✓ | ✓ | | ✓ | manually |
| Valve switching | ✓ | ✓ | | ✓ | manually |
| Automatic valve control | ✓ | – | | – | – |
| External pressure sensor on the neMESYS I/O | ✓ | ✓ | | manually (not documented) | manually (not documented) |
| Valves / pressure sensors on the Qmix I/O-B | ✓ | manually | | manually (not documented) | manually (not documented) |
| Syringe configuration | ✓ | ✓ | | – | – |
| SI units | ✓ | ✓ | | – | – |
| neMESYS I/O read/write | ✓ | ✓ | | manually | manually |
| Run script programs | ✓ | – | | – | – |
| Lowest flow rates | ✓ | ✓ | | manually (not documented) | manually (not documented) |
| Support for: | | | | | |
| neMESYS pumps | ✓ | ✓ | | ✓ | ✓ |
| Tempering modules | ✓ | ✓ | | – | – |
| Valve modules | ✓ | ✓ | | manually (not documented) | manually (not documented) |
| I/O Modules | ✓ | ✓ | | manually (not documented) | manually (not documented) |
| Spectrometer | ✓ | – | | – | – |
| Camera | ✓ | – | | – | – |
| Positioning systems | ✓ | ✓ | | – | manually (not documented) |
| Available for: | CETONI Elements | CETONI SDK / Python | LabView | RS232 –C Library | CAN / RS232 Interface |
| Windows | ✓ | ✓ | ✓ | ✓ | ✓ |
| Linux x86 (PC) | – | ✓ | – | ✓ | ✓ |
| Linux ARM (Raspberry PI) | – | ✓ | – | ✓ | ✓ |
| Microcontroller | – | – | – | ✓ | ✓ |
| SPS | – | – | – | – | ✓ |