

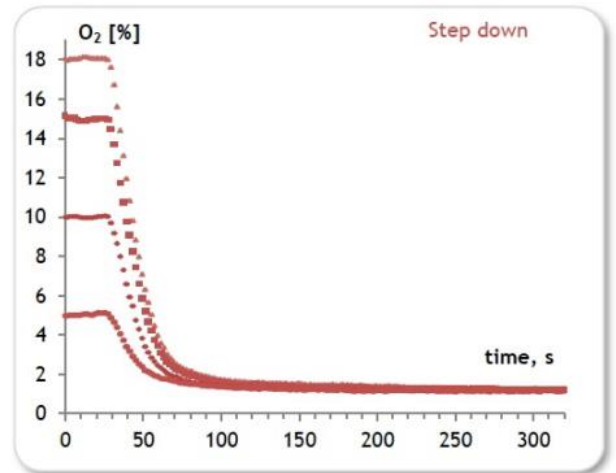
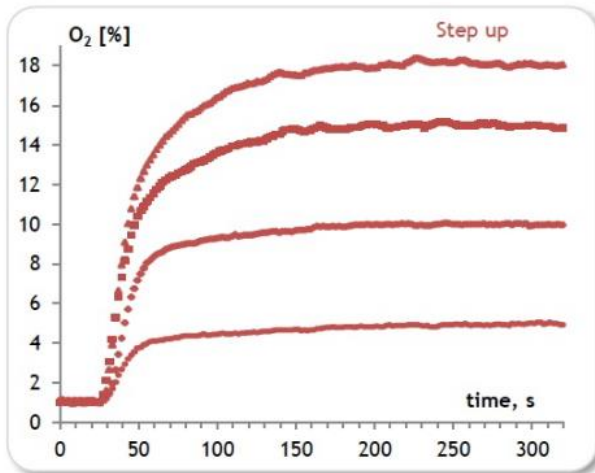
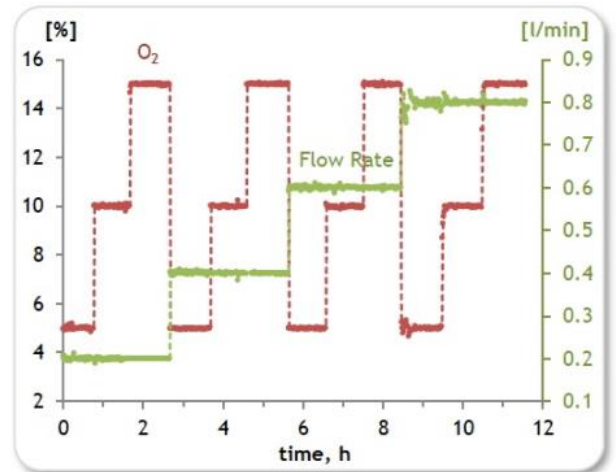
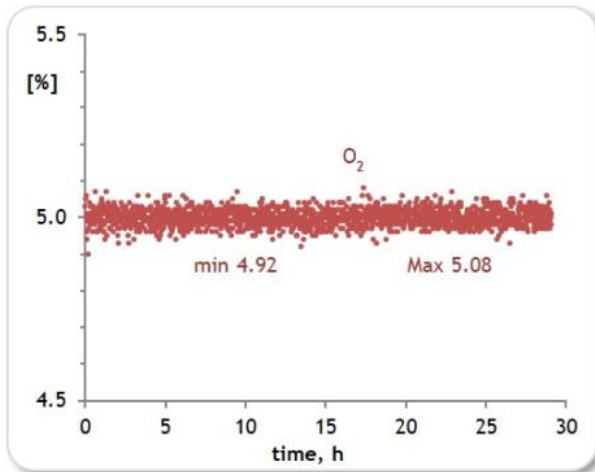
O2 Unit-BL [1-20]

O2-UNIT-BL connects to any Bold Line Temperature Controller and is operated by the touch screen interface OKO-TOUCH.

- Oxygen is digitally regulated by mixing Air with Nitrogen: O₂ range: 1-20%
- Accuracy: $\pm 0.1\%$
- Set Point Resolution: 0.1%; Repeatability: 0.05% of O₂ concentration
- Output flow rate: 0 - 0.8 NL/min at ambient pressure
- O₂ sensor: 10 year-life zirconium oxide sensor
- O₂ sensor calibration routine with external meter or calibration gas
- Compatible with OKO-AIR-PUMP-BL for operation with background air
- Compatible with Smart Box for data logging and remote operation
- Programmable O₂ cycles
- Drivers available for: NiS Elements, Metamorph, Micromanager
- SDK available for integration in third party software
- TTL communication: product code O2-UNIT-BL-TTL



OKO-AIR-PUMP-BL FOR OPERATION WITH BACKGROUND AIR



Total flow rate (l/min)	O ₂ set point (%)	Mean (%)	Max (%)	Min (%)	Std (%)
0.2	5.0	5.01	5.19	4.85	0.06
	10.0	10.00	10.10	9.80	0.05
	15.0	14.99	15.05	14.91	0.03
0.4	5.0	4.98	5.03	4.94	0.02
	10.0	10.01	10.25	9.93	0.04
	15.0	15.00	15.07	14.95	0.02
0.6	5.0	5.00	5.09	4.94	0.03
	10.0	9.99	10.32	9.87	0.06
	15.0	14.99	15.09	14.92	0.03
0.8	5.0	4.99	5.10	4.77	0.06
	10.0	9.99	10.06	9.84	0.04
	15.0	14.99	15.06	14.87	0.03