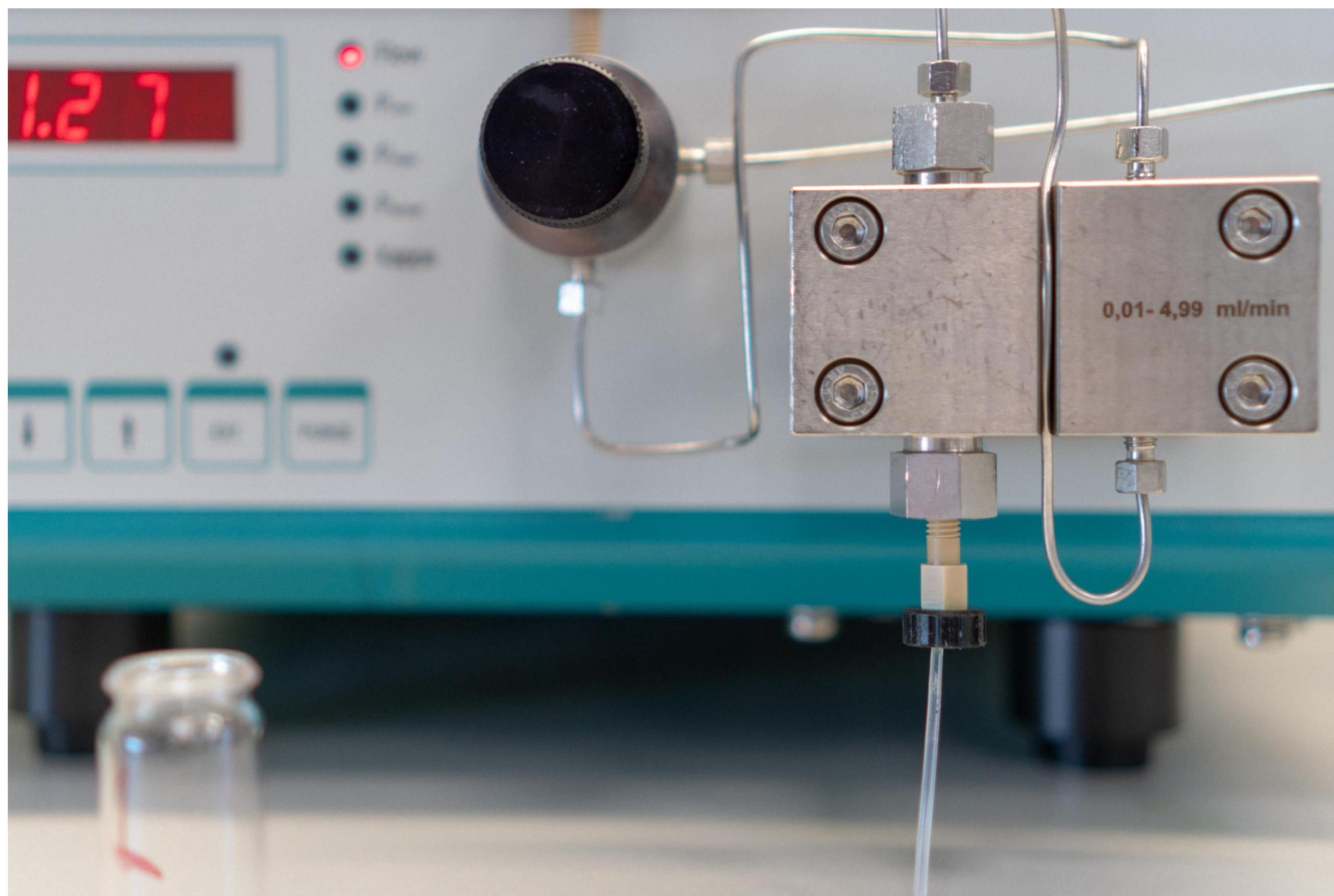


Substrate	HPLC flow rate in mL/min	Tubing length in m
1	0.5	12.8
3	0.35	12.8
5	0.1	12.8
7	0.2	12.8
9	0.4	12.8
11	0.1	12.8
13	0.06	12.8
15	0.15	39.9
17	0.15	39.9

- 1 HPLC pump: BISCHOFF 2250, 0.01-4.99 mL/min maximum flow speed. See table above for substrate flow rates.
- 2 Tubing: 1/16 inch outer diameter, 1/32 inch inner diameter: BOLA S1815-04 (FEP material) or S1811-02 (PFA, more heat resistant, more expensive)
- 3 Thermal Gas Mass Flow Controller: BROOKS INSTRUMENTS SLA5850SH1AB1C2A1
- 4 Tubing connectors: IDEX 1/16 inch connectors. Parts: P-727, F-120
- 5 LED ring light, 24 Cree MK-R warm-white LEDs, each operating at 11.6 V, 700 mA.
- 6 Glass Container, 65 mm outer diameter. Tubing (length usually 12.8 m; 31.9 m in case of substrates 15 and 17) wrapped around at the outside.
- 7 Back Pressure Regulator: IDEX U-609 housing combined with P-765 cartridge, adjusted to 45 bar (650 psi).

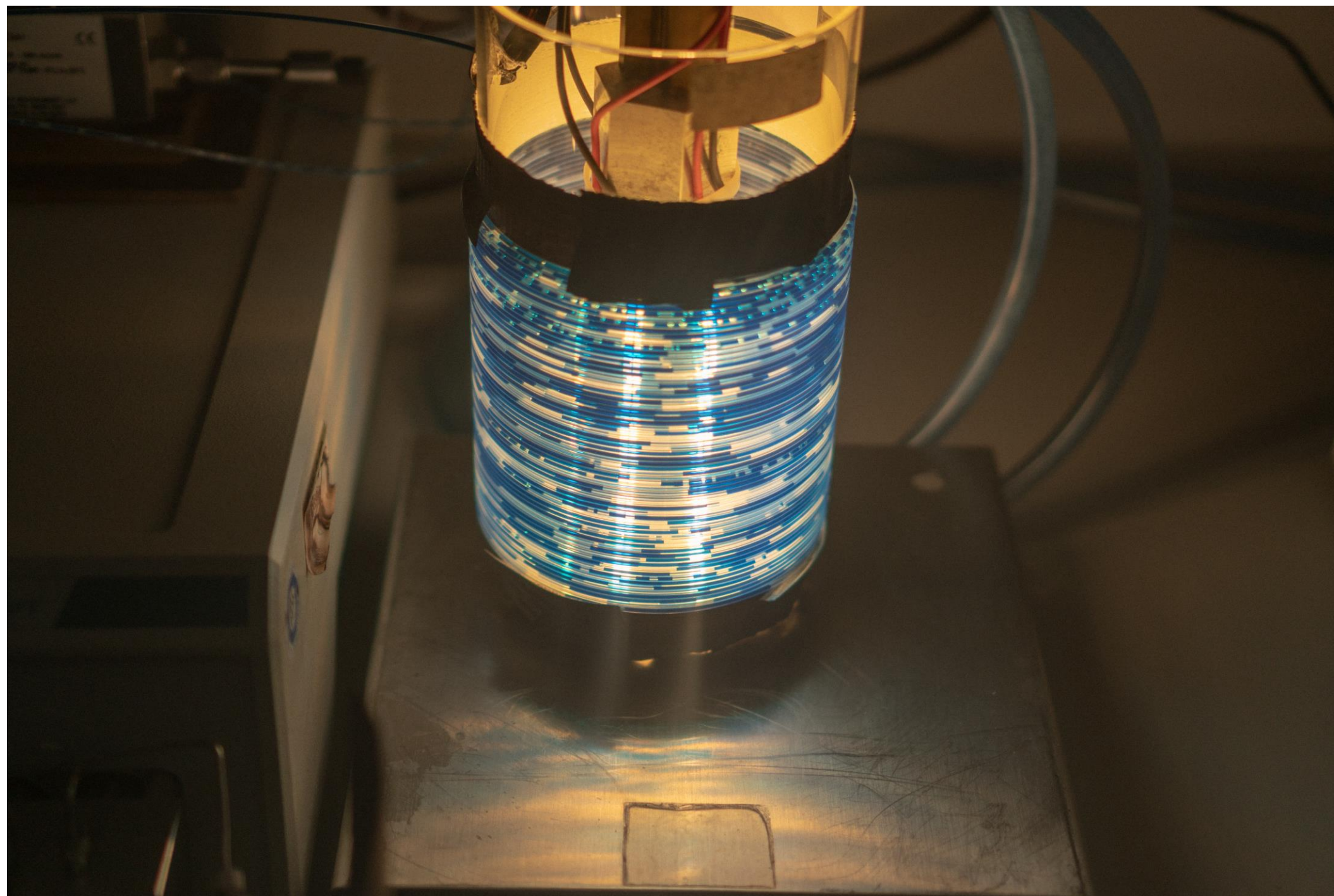
1



5



6



7

