

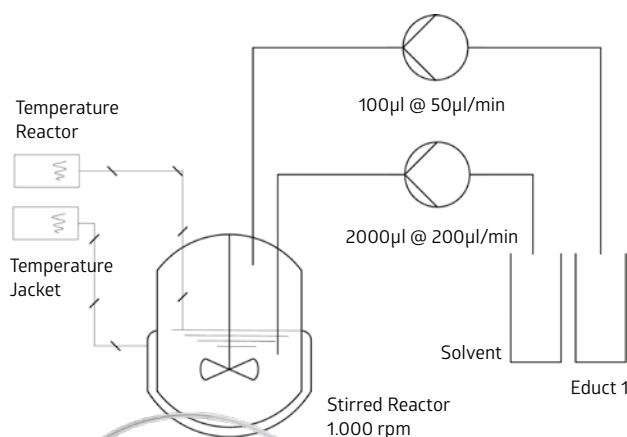


xelsius

TEN REACTIONS $\Rightarrow$ ONE DEVICE

Dispensing Unit

A xelsius plug & play automation solution to speed up your chemical reactions.



xelsius Dispensing Unit

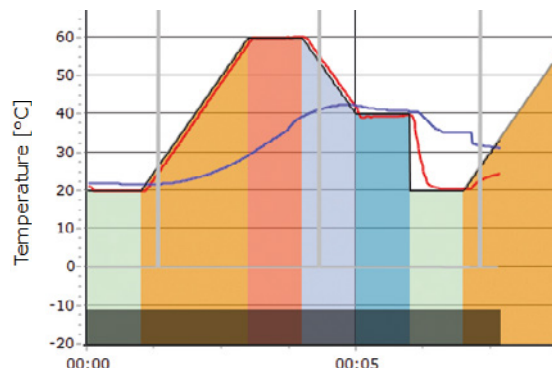
Item-No 8053 000 210

- Two independent dosing units
- nevoLINK Ethernet adapter for „plug & play“ integration into xelsius
- Tube & Fitting Kit — Dispensing Unit



All information without any warranty

Go to the next level — with low scale reactions



Features

- **User-friendly reaction-setup**
- **Automated dosing and dilution**
- **Data-export & reporting by a few clicks**



Applications

- **Automated solvent supply**
- **Time controlled quenching**
- **Solvent studies with multicycle profiles**
- **Controlled droplet dosing for exothermic reactions**

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IoT-Technology ensures easy and fast lab data integration into modern lab documentation solutions.

Excellent analytical data and reproducibility

Accuracy: < 1 %

Precision: < 1%



Pump Parameter 13/09/2022 09:07:02

Pump Selection ☒ 01 ☐ 02

Pump 01

Flowrate [μl / min]

Volume [μl]

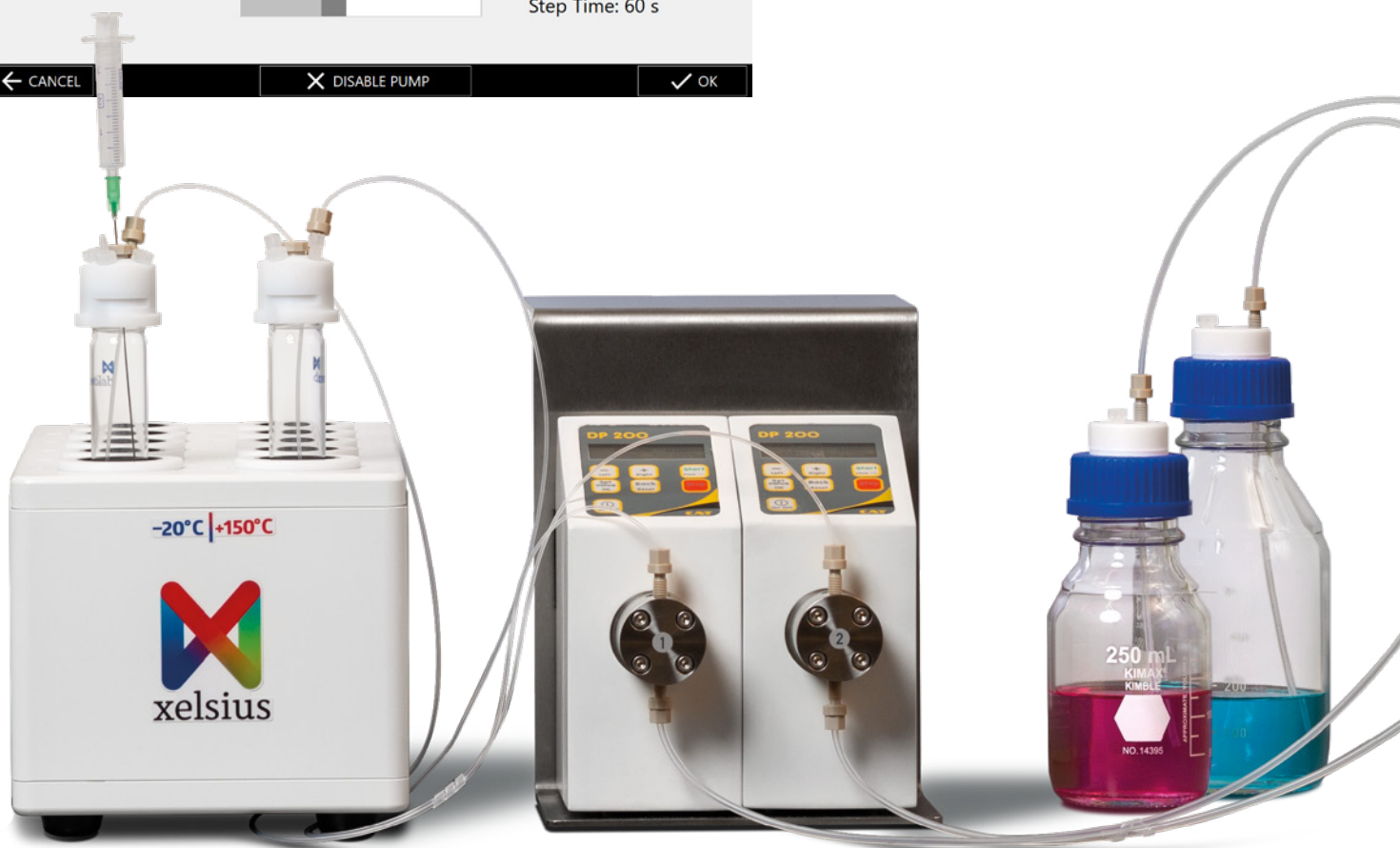
Delay [s]

Delay: 20 s
Process: 6 s
Step Time: 60 s

← CANCEL X DISABLE PUMP ✓ OK

Very good chemical resistance against many solvents

- e.g. Alcohols, Esters, Ethers, Aliphatic & Aromatic Hydrocarbons
- Direct solvent contact only with Sapphire (Al₂O₃) and PVDF



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Technical Data	Dimension (D x W x H)	approx. 300 mm x 165 mm x 210 mm
	Weight	7.3 kg
	Protection class, DIN 40050	IP40
	Protection class, EN 61140	Protection class III
	Max. humidity	80 % rel.
	Operating temperature	5–40 °C
Power Supply	Input	240 V/AC , 50/60 Hz, 2 A
	Output	24 V DC, 6.7 A, 160 W Over voltage class: OVC II
Pumps	2 independently controlled pump-modules	
	Pressure max	6 bar, depending on viscosity and flow rate
	Accuracy	EV < 1 %
	Precision	CV < 1 %
	Dosing volume	20 µl – 25 ml
	Dosing speed	20 µl/min – 4 ml/min
	Integration into xelsius	Ethernet to nevoLINK – nevoLink to xelsius software version 2.72 or higher
	Connection ports	Data connections RJ 45, Ethernet to nevoLINK 2 x UNF-1/4"-28 Input / Output port each pump
Certificate	CE marked	



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