Concentrator	Model:	*Eppendorf Concentrator Plus*
	Unit and Room:	*Org./Bioorg. Chemistry, 1st floor*, R.220F
	Responsible:	*Prof. W. Bannwarth, A. Ahrens*
	Further information:	

Short Description:	Picture of the Equipment
Eppendorf Concentrator plus is designed for concentration, drying and purification of biomolecules.	
Available Experiments/Techniques: Four different heating levels and three different concentrator modes for aqueous, alcohol or high vapour pressure solvents allow an effective vacuum concentration. Possesses operation as a desiccator, as a centrifuge and with gel dryer.	

Special Equipment:

Three different concentrator modes, centrifuge and integrated dessicator functions.

Measurements on the equipment are currently done by:	☐ Students ☒ Students after Introduction ☐ Students after extensive training ☐ Trained scientific service personal
Recent Publications, where this instrument was important (optional): Give citation	D. Altevogt, A. Hrenn, C. Kern, L. Clima, W. Bannwarth, I. Merfort; Org. Biomol. Chem. 2009, 7, 3934-3939 L. Clima, W. Bannwarth, Helv. Chim. Acta, 2008, 91, 165-175
Typical problems that may be solved with this instrument:	Alternative to concentration by freeze drying or rotary evaporation. Target applications are those requiring fast, gentle concentration of DNA, RNA, oligonucleotides and proteins, including small volume and temperature-sensitive samples.