

PBM – PCR – SC Equipment Responsibles list

November 2025

PBM rules:

- Contact Veerle Boterberg for info about the device responsible
- Equipment of PBM is only accessible after device reservation in sharepoint (via PBM device responsible)
- Equipment can only be used together with device responsible or after personal training from the device responsible

PBM

	<i>Who to ask?</i>	<i>Where? – contact</i>
DSC*	Veerle Boterberg	S4 – Veerle.Botenberg@UGent.be
TGA*	Veerle Boterberg	S4 – Veerle.Botenberg@UGent.be
Rheometer	Veerle Boterberg	S4 – Veerle.Botenberg@UGent.be
Light Microscope	Veerle Boterberg	S4 – Veerle.Botenberg@UGent.be
Texturometer	Veerle Boterberg	S4 – Veerle.Botenberg@UGent.be
Tensile Tester*	Veerle Boterberg	S4 – Veerle.Botenberg@UGent.be
SCA*	Veerle Boterberg	S4 – Veerle.Botenberg@UGent.be
GPC water	Veerle Boterberg	S4 – Veerle.Botenberg@UGent.be
FT-IR*	Veerle Boterberg	S4 – Veerle.Botenberg@UGent.be
UV-VIS*	Veerle Boterberg	S4 – Veerle.Botenberg@UGent.be
Plasma*	Veerle Boterberg	S4 – Veerle.Botenberg@UGent.be
XPS	Veerle Boterberg	S4 – Veerle.Botenberg@UGent.be
DVS	Veerle Boterberg	S4 – Veerle.Botenberg@UGent.be
Electrospinning	Veerle Boterberg	S4 – Veerle.Botenberg@UGent.be
Spincoater	Veerle Boterberg	S4 – Veerle.Botenberg@UGent.be
Automatic titrator	Veerle Boterberg	S4 – Veerle.Botenberg@UGent.be
5L reactor	Veerle Boterberg	S4 – Veerle.Botenberg@UGent.be
Centrifuge	Veerle Boterberg	S4 – Veerle.Botenberg@UGent.be
Diffusion cells	Veerle Boterberg	S4 – Veerle.Botenberg@UGent.be
Freeze dryers	Veerle Boterberg	S4 – Veerle.Botenberg@UGent.be
Glove box	Veerle Boterberg	S4 – Veerle.Botenberg@UGent.be
Vacuum oven	Veerle Boterberg	S4 – Veerle.Botenberg@UGent.be
UVA & UVC lamps	Veerle Boterberg	S4 – Veerle.Botenberg@UGent.be
Rotavaps	Veerle Boterberg	S4 – Veerle.Botenberg@UGent.be
pH meter	Veerle Boterberg	S4 – Veerle.Botenberg@UGent.be
MilliQ/RO	Veerle Boterberg	S4 – Veerle.Botenberg@UGent.be
Glove box	Veerle Boterberg	S4 – Veerle.Botenberg@UGent.be
2PP printer	Veerle Boterberg	S4 – Veerle.Botenberg@UGent.be
SEM	Veerle Boterberg	S4 – Veerle.Botenberg@UGent.be
Multimode plate reader	Veerle Boterberg	S4 – Veerle.Botenberg@UGent.be
BioX printer	Veerle Boterberg	S4 – Veerle.Botenberg@UGent.be
DLP w/o heating	Veerle Boterberg	S4 – Veerle.Botenberg@UGent.be
DLP with heating	Veerle Boterberg	S4 – Veerle.Botenberg@UGent.be
Anycubic Photon printer	Veerle Boterberg	S4 – Veerle.Botenberg@UGent.be
Prusa printer	Veerle Boterberg	S4 – Veerle.Botenberg@UGent.be
Regemat printer	Veerle Boterberg	S4 – Veerle.Botenberg@UGent.be
Ultimaker printer	Veerle Boterberg	S4 – Veerle.Botenberg@UGent.be
Volumetric printer	Veerle Boterberg	S4 – Veerle.Botenberg@UGent.be

*=general

PCR rules:

- Equipment of the PCR group can be used by all members of CMaC. If there would be a waiting list for a certain instrument, priority is going to the member belonging to the group the instrument belongs to.
- Before using any equipment, always contact the responsible person for training.
- In case of breakdown, irregularities and other problems, immediately contact the responsible persons (DO NOT try to fix things yourself).
- Special measurement requests (hardware and software) should be discussed with the responsible persons.
- Required consumables (e.g. vials, solvents, liquid nitrogen, etc.) should be obtained from the own group.

PCR

	<i>Main responsible</i>	<i>Contact</i>
<i>GPC-THF aka Pikachu</i>	Bernhard De Meyer	Bernhard.DeMeyer@UGent.be
<i>GPC-THF aka Yoda</i>	Bernhard De Meyer	Bernhard.DeMeyer@UGent.be
<i>Preparative GPC</i>	Bernhard De Meyer	Bernhard.DeMeyer@UGent.be
<i>GPC-CHCl₃</i>	Bernhard De Meyer	Bernhard.DeMeyer@UGent.be
<i>GPC-DMAc</i>	Bernhard De Meyer	Bernhard.DeMeyer@UGent.be
<i>GPC-RI-UV-THF Agilent</i>	Bernhard De Meyer	Bernhard.DeMeyer@UGent.be
<i>HPLC-DAD Agilent</i>	Bernhard De Meyer	Bernhard.DeMeyer@UGent.be
<i>2D-GPC*</i>	Bernhard De Meyer	Bernhard.DeMeyer@UGent.be
<i>MALDI-TOF*</i>	Bernhard De Meyer	Bernhard.DeMeyer@UGent.be
<i>FT-IR + ATR PIKE</i>	Bernhard De Meyer	Bernhard.DeMeyer@UGent.be
<i>React-IR</i>	Bernhard De Meyer	Bernhard.DeMeyer@UGent.be
<i>Intavis Solid Phase Robot</i>	Stijn Tanghe	Stijn.Tanghe@UGent.be
<i>Materials testing machine</i>	Bernhard De Meyer	Bernhard.DeMeyer@UGent.be
<i>DSC</i>	Bernhard De Meyer	Bernhard.DeMeyer@UGent.be
<i>DMA*</i>	Bernhard De Meyer	Bernhard.DeMeyer@UGent.be
<i>TGA</i>	Bernhard De Meyer	Bernhard.DeMeyer@UGent.be
<i>UV-Vis spectrophotometer</i>	Bernhard De Meyer	Bernhard.DeMeyer@UGent.be
<i>Optical microscopy</i>	Bernhard De Meyer	Bernhard.DeMeyer@UGent.be
<i>Rheometers</i>	Bernhard De Meyer	Bernhard.DeMeyer@UGent.be
<i>Particle sizer (0,375 µm-2000 µm)</i>	Bernhard De Meyer	Bernhard.DeMeyer@UGent.be
<i>Heated Platen press</i>	Bernhard De Meyer	Bernhard.DeMeyer@UGent.be
<i>Ultrasonic probe</i>	Bernhard De Meyer	Bernhard.DeMeyer@UGent.be
<i>Rotavapors</i>	Bernhard De Meyer	Bernhard.DeMeyer@UGent.be
<i>Pumps</i>	Bernhard De Meyer	Bernhard.DeMeyer@UGent.be
<i>Radleys Parallel Synthesizer aka The Carrousel</i>	Bernhard De Meyer	Bernhard.DeMeyer@UGent.be
<i>Micro-Compounder</i>	Bernhard De Meyer	Bernhard.DeMeyer@UGent.be
<i>Photoreactor</i>	Bernhard De Meyer	Bernhard.DeMeyer@UGent.be
<i>Lab Dishwasher</i>	Bernhard De Meyer	Bernhard.DeMeyer@UGent.be
<i>Broken Lab Glassware</i>	Bernhard De Meyer	Bernhard.DeMeyer@UGent.be
<i>Scratcher (Pensile Hardness Tester)</i>	Bernhard De Meyer	Bernhard.DeMeyer@UGent.be
<i>Coating Applicator</i>	Bernhard De Meyer	Bernhard.DeMeyer@UGent.be
<i>Centrifuge</i>	Bernhard De Meyer	Bernhard.DeMeyer@UGent.be
<i>Mill</i>	Bernhard De Meyer	Bernhard.DeMeyer@UGent.be

SC rules:

- Equipment of the SC group can be used by all members of CMaC. If there would be a waiting list for a certain instrument, priority is going to the member belonging to the group the instrument belongs to.
- Before using any equipment, always contact the responsible persons for training.
- In case of breakdown, irregularities and other problems, immediately contact the responsible persons (DO NOT try to fix things yourself).
- Special measurement requests (hardware and software) should be discussed with the responsible persons.
- Required consumables (e.g. vials, solvents, liquid nitrogen, etc.) should be obtained from the own group.

SC: (Lab responsible 1st floor: Somdeb; Lab responsible 4th floor: Ine)

	<i>Main responsible</i>	<i>Second responsible</i>
<i>SEC-DMA (+ MALS)</i>	Martin	Kaiming
<i>SEC-MeOH</i>	Martin	Kaiming
<i>Fluorescence spectrometer + multicell T-control</i>	Martin	Shen
<i>UV-vis spectrometer + multicell T-control</i>	---	---
<i>GC</i>	Martin	Noemi
<i>Microwave Biotage Initiator</i>	Martin	Martin
<i>DLS/Zetasizer (size 3 nm to 3 μm)</i>	Marzy	Martin
<i>MT-DSC</i>	Martin	Noemi
<i>Refractometer</i>	Kaiming	Peitao
<i>Glovebox</i>	Martin	Emiel
<i>Solvent Purification*</i>	Martin	Emiel
<i>Lyophilisator</i>	Martin	Somdeb
<i>Ball mill</i>	Emiel	Martin
<i>Flash chromatography with UV and ELSD detectors</i>	Martin	Emiel
<i>Rotavapors</i>	Martin	Shen
<i>Pumps</i>	Martin	Emiel
<i>pH-meters</i>	Somdeb	Pamela
<i>Crystal16 turbidimeter</i>	Xinran	Zhe
<i>Rheometer</i>	Kaiming	Xinran
<i>Acid/base baths 4th floor</i>	Emiel	Shen
<i>Acid/base baths 1st floor</i>	Martin	Peitao
<i>Balances</i>	Martin	Noemi
<i>Vacuum ovens</i>	Martin	Shen
<i>Micropipettes</i>	Martin	Daniel
<i>Cell Counter</i>	Hamed	Marzy
<i>Distillation DMA</i>	Martin	Kaiming

External to PBM, PCR and SC group*

<i>Equipment</i>	Who to ask to?	Where – contact
<i>AFM</i>	Wouter Devulder	S3 - Wouter.Devulder@UGent.be
<i>Mini extruder</i>	Mustafa Erkoc	Technology Park (CPMT) mustafa.erkoc@ugent.be
<i>TEM</i>	Vitaliy Bliznuk	Technology Park Vitaliy.Bliznuk@ugent.be
<i>SEM</i>	Olivier Janssens	S1 - Olivier.Janssens@ugent.be
<i>XPS</i>	Nico DeRoo	S1 - Nico.DeRoo@ugent.be
<i>Raman spectroscopy</i>	Sylvia Lycke	S12 - Sylvia.Lycke@UGent.be
<i>Elemental analysis</i>	Jan Goeman Ann Mils	S4 (C,H,N) Jan.Goeman@ugent.be S3 (C,H,N,O,S), LA08 (metals) Ann.Mils@UGent.be
<i>LC-MS (ESI and APCI)</i>	Jan Goeman	S4 - Jan.Goeman@ugent.be
<i>LC-HRMS (ESI)</i>	Jan Goeman	S4 - Jan.Goeman@ugent.be
<i>MS (ESI and APCI)</i>	Jan Goeman	S4 - Jan.Goeman@ugent.be
<i>HRMS (ESI)</i>	Jan Goeman	S4 - Jan.Goeman@ugent.be
<i>GC-MS</i>	Jan Goeman	S4 - Jan.Goeman@ugent.be
<i>2D NMR techniques</i>	Dieter Buyst	S4 - Dieter.Buyst@UGent.be
<i>HRMAS NMR techniques</i>	Dieter Buyst	S4 - Dieter.Buyst@UGent.be

* No open access. Only frequent users will get personal training from the main responsible.