

Common instruments

Group / Type of Instrument	Division	Name of Instrument	Location	Uses / Notes
Beta Counter	CBT Common Instruments	Wallac 1450 MicroBeta, Perkin-Elmer	room YK180	MicroBeta® TriLux is a multi-detector instrument designed for liquid scintillation or luminescence detection of samples in microplates, tubes or on filters
Gamma Counter	CBT Common Instruments	Wallac 1470 Wizard, Perkin-Elmer	room YK180	The Wallac Wizard 1470 is a feature-packed gamma counter that boasts of unique sample changer robotics.
Electroporator	CBT Common Instruments	BioRad GenePulser	room YK180	The Gene Pulser Xcell™ system is a modular electroporation system for transfecting every cell type.
Microtome	CBT Common Instruments	LKB Historange	room YK178	A versatile microtome which allows for most sectioning techniques with precision and speed.
Freeze-Dryer	CBT Common Instruments	HetoSicc	room YK178	The freeze-dryer is used for drying frozen samples without melting the samples in the process.
Filter system	CBT Common Instruments	Millipore Snap I.D.	room YK180	Developed to meet the needs of our Western blotting customers, the SNAP i.d.® 2.0 system produces blots of a very high quality every time – in record time!
Spectrophotometer	CBT Common Instruments	Luminoskan Ascent, Thermo Scientific	5th floor, room 5129	Run a variety of luminometric research applications with the Thermo Scientific Luminoskan Ascent Microplate Luminometer
Spectrophotometer	CBT Common Instruments	Pharmacia Biotech Ultrospec 2000, Scintec Instruments	5th floor, room 5129	Pharmacia Ultrospec 2000 UV/VIS Spectrophotometer, Wavelength Range 190 to 1100 nm, Monochromator 1200 lines/mm concave holographic grating Spectral Bandwidth 3 nm
Luminometer	CBT Common Instruments	Multiskan Ascent, Thermo Scientific	5th floor, room 5129	Perform photometric research applications such as DNA, RNA and protein analysis with the Thermo Scientific Multiskan Microplate Spectrophotometer
Centrifuge	CBT Common Instruments	Beckman Avanti J-26 XPI	5th floor, room 5072	A fast, efficient centrifugation solution uniquely designed to process up to 6 liters in less than 10 minutes.
Centrifuge	CBT Common Instruments	Beckman Optima L-90K	5th floor, room 5072	Perfect for applications such as high-purity plasmid DNA, subcellular particles and virus isolations, this versatile floor model operates with a broad range of superb rotors, including zonal and continuous flow for large-volume separations.
Centrifuge	CBT Common Instruments	Eppendorf 5804R	5th floor, room 5072	A high speed centrifuge for medium capacity needs. It allows for molecular applications in tubes up to 250 mL and offers additional swing-bucket and fixed-angle rotors as well as deepwell plate capacity for increased versatility.
Centrifuge	CBT Common Instruments	Sorvall RC6	5th floor, room 5072	Designed to separate substances of varying densities at a controlled temperature range.
Shaker	CBT Common Instruments	Innova 4300, New Brunswick	5th floor, room 5072	Large-capacity, environmental shakers. Designed for handling greater quantities of flasks, the INNOVA 4300 shakers easily holds 12 2-liter flasks and accepts flasks up to 6 liters.

Shaker	CBT Common Instruments	Innova 4000, New Brunswick	5th floor, room 5072	Benchtop gyratory incubator shakers. Offering rigid control of temperature and agitation, the large-capacity INNOVA 4000 shaker is capable of culturing a wide array of organisms in test tubes and flasks up to 2.8 L.
Dryer	CBT Common Instruments	Hetovac / Heto CT60e	5th floor, room 5072	Heto CT60E cold trap. Vacuum equipment
Ultrasound Breaker	CBT Common Instruments	CosmoBio Bioruptor	5th floor, room 5072	Ideal for cell and tissue disruption, homogenization, dissolution, and extraction.
Ice Machine	CBT Common Instruments	Porkka KF185	5th floor, room 5072	Produce ice flakes that are dry and compact; this allows the ice to remain free flowing for easy use even after long storage periods.
Spectrophotometer	CBT Common Instruments	Labsystems Multiskan MMC-340	5th floor, room 5136	Perform photometric research applications such as DNA, RNA and protein analysis with the Thermo Scientific Multiskan Microplate Spectrophotometer
PCR	CBT Common Instruments	BioRad T100	5th floor, room 5136	Robust thermocycler that provides solutions for various temperature configuration needs.
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Ultrasound breaker	CBT Common Instruments	Diagenode Bioruptor Pico	5th floor, room 5136	An excellent device for shearing chromatin or DNA, cell and tissue disruption and many other applications
Electroporator	CBT Common Instruments	BioRad Gene Pulser II	5th floor, room 5073 LOKA	The Gene Pulser Xcell™ system is a modular electroporation system for transfecting every cell type.
Centrifuge	CBT Common Instruments	Sorvall RT6000D	5th floor, room 5073 LOKA	High-capacity tabletop centrifuges. Designed with the end user in mind, these centrifuges combine maximum flexibility with streamlined operation.
Microscope	CBT Common Instruments	EVOS fl	5th floor, room 5073 LOKA	The powerful yet easy-to-use EVOS® FL Cell Imaging System provides the flexibility to fit most epifluorescence microscopy applications.
Microscope	CBT Common Instruments	CETI	5th floor, room 5073 LOKA	CETI Inverted Microscope
Cell culture analysis system	CBT Common Instruments	Cedex XS, Roche	5th floor, room 5073 LOKA	Semi-automated, image-based cell analyzer providing information about cell concentration and viability using the well-established Trypan Blue Exclusion Method.
Scanner	CBT Common Instruments	Epson Perfection V700 Photo	5th floor, room 5038	The Epson Perfection V700 Photo represents a breakthrough in flatbed scanning by offering the highest optical scan resolution (6400 dpi) available for photo studio applications.
UV-transilluminator	CBT Common Instruments	UVP	5th floor, room 5062	UVP offers a wide range of filter sizes and single or multiple UV wavelength transilluminators in a compact, benchtop size.