



BILLING RATES - FY 23/24

DEPARTMENT NAME :
SCBIOMAT BioEngineering

VICE-PRESIDENT AREA :
Provost-Academic Affairs - CECAS[College of Engineering, Computing and Applied Science]

DESCRIPTION OF COMMODITY OR SERVICE :	UNIT OF BILLING	FY 23/24 RATE	CUSTOMERS BEING SERVED
Analytical and Physical Testing Laboratory			
External Rates			
AAAnalyst 200 (non-tissue samples), PE	per instr hour	\$99.00	Industrial companies
Goniometer DSA 20E (Kruss)	per instr hour	\$30.00	Industrial companies
CD Polarimeter Jasco J-810	per instr hour	\$103.00	Industrial companies
Ellipsometer, variable angle, Sopra GES 5	per instr hour	\$105.00	Industrial companies
FTIR, Jasco J-480	per instr hour	\$87.70	Industrial companies
HPLC (Waters)	per instr hour	\$102.00	Industrial companies
MTS Synergie 100	per instr hour	\$42.00	Industrial companies
Plasma cleaner, expanded, with Plasma Flo	per instr hour	\$75.00	Industrial companies
SPR Biacore X100	per instr hour	\$57.00	Industrial companies
Refractometer AR700, Reichert	per instr hour	\$33.00	Industrial companies



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Internal Rates			
AAAnalyst 200 (non-tissue samples), PE	per instr hour	\$27.50	Clemson University faculty, students and staff
Goniometer DSA 20E (Kruss)	per instr hour	\$25.00	Clemson University faculty, students and staff
CD Polarimeter Jasco J-810	per instr hour	\$31.00	Clemson University faculty, students and staff
Ellipsometer, variable angle, Sopra GES 5	per instr hour	\$33.00	Clemson University faculty, students and staff
FTIR, Jasco J-480	per instr hour	\$22.60	Clemson University faculty, students and staff
HPLC (Waters)	per instr hour	\$31.00	Clemson University faculty, students and staff
MTS Synergie 100	per instr hour	\$30.00	Clemson University faculty, students and staff
Plasma cleaner, expanded, with Plasma Flo	per instr hour	\$27.00	Clemson University faculty, students and staff
SPR Biacore X100	per instr hour	\$33.00	Clemson University faculty, students and staff



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Refractometer AR700, Reichert	per instr hour	\$22.00	Clemson University faculty, students and staff
<p>All charges exclusive of supply and method development</p> <p>Cost based on instrument hour and facility personnel time is averaged, and will depend on a sample.</p>			
Malvern Zeta sizer (CUID:220612)	per sample	\$14.00	Industrial companies
Freeze Dryer (Lyophilizer, Labconco), CUID:221028	port/flask used for 72 ho	\$10.00	Industrial companies

This instrument has 16 ports, and freeze drying depends on time. Each port connects to the flask of various volumes.

Few samples can be placed into one flask, but time which used for freeze drying doesn't depend on sample number in one flask.

Therefore we calculate the usage by port/flask occupied for any amount of samples fit in the flask for 72 hours,