



INTERNAL USAGE PRICE LIST

The following prices are for hourly machine use only.
These prices do not include staff assistance and time.

Cleanroom

Price includes the use of all instruments that are inside the cleanroom. Basic common chemicals are included.

Bruker XT-3D Profiler	\$10
Bruce Furnace	\$40
Dektak 150 Profilometer	\$10
Deep Reactive Ion Etcher	\$40
Karl Suss Mask Aligner	\$20
Nanospec - Film Thickness Reflectivity	\$10
Plasma Therm Dry Etch	\$40
Quintel Mask Aligner / EVG Mask Aligner	\$20
Rudolph Ellipsometer	\$10
EVG Mask Aligner	\$20
Cleanroom Spinner (1 & 2)	\$10
RCA Wetbench	\$20
WYKO Optical Microscope	\$10
Developer Hood	\$20
Cleanroom Gen. Chem. Bench	\$20
Tegal O2 Asher	\$20
Mitutoyo Cleanroom Microscope	\$10
Nikon Cleanroom Microscope	\$10
Cleanroom Observer	\$10
Critical Point Dryer	\$20
Filmetrics	\$10
Tanner Ledit Layout Tools	N/C
Cleanroom Sputter	\$10
SF-100 Litho Projector	\$20

Test Lab

Dektak Profilometer	\$10
Metrics ICS Probe Station	N/C
Tips must be purchased by the user	
KS Ball Bonder	\$10
Wire may have to be purchased by the user	
Keyence Digital Microscope	\$10

Thin Film

CRC Sputter Tool	\$10
Surcharge added for precious metals	
SFI Sputter Tool	\$20
Surcharge added for precious metals	
E-beam Evaporator Varian	\$20
E-beam Evaporator AJA	\$20
RTP Anneal	\$20

Metrology

Atomic Force Microscope	\$20
Plus tips (see office)	
Focused Ion Beam	\$50
Denton DeskII Sputter	\$15
Hitachi SU70	\$40
Metrology Microscope	N/C
Transmission Electron Microscope	\$75
Xray Diffractometer	\$20
Jasco Raman Spectrometer	\$
X-ray Photoelectron Spectroscopy	\$60
Perkin Elmer Spectrum One FTIR	\$

Wet Chemistry

Microautomation Dicing Saw	\$10
Blades must be purchased by user	
Wet (Etch) Bench	N/C
Wet (Solvent) Bench	N/C

Staff time to preform special projects	\$30
Plus instrument use	
Training cost per hour per use	\$10