

Birck Nanotechnology Center Recharge Rates. Effective June 1, 2023.

Service	INT	ENP/ISB	EFP
Daily Entry Fee, Birck Laboratory Access	14.00	44.00	51.00
Daily Entry Surcharge, General Labs	2.00	4.00	5.00
Daily Entry Surcharge, Bio Labs - BSL1/BSL2	9.00	20.00	23.00
Daily Entry Surcharge, Cleanroom - BRK 2100A	28.00	53.00	61.00
Monthly Usage Fee, Cleanroom Storage	2.00	6.00	7.00
Monthly Usage Fee, Additional Cleanroom Bin	40.00	77.00	88.00
C - Deposition, ALD	19.00	37.00	42.00
C - Deposition, CVD	45.00	89.00	102.00
C - Deposition, PVD and Electroplating, Per Run	117.00	229.00	263.00
C - Deposition, Flex Compatible PVD, Per Run	161.00	308.00	354.00
C - Etching, General	20.00	40.00	46.00
C - Etching, ICP	60.00	116.00	133.00
C - Furnace, Oxidation/Annealing	23.00	43.00	49.00
C - Lithography, Aligners	46.00	115.00	132.00
C - Lithography, E-Beam, 100 kV	92.00	238.00	273.00
C - Lithography, Spinners	21.00	44.00	50.00
C - Metrology, General	26.00	51.00	59.00
Characterization, LDV	26.00	41.00	47.00
Characterization, Probe Station	27.00	51.00	59.00
Characterization, Spin Lab	12.00	46.00	53.00
Deposition, PLD, Per Run	400.00	628.00	723.00
Lithography, E-Beam, 30 kV	64.00	124.00	142.00
Metrology, Center for AFM	48.00	89.00	102.00
Metrology, Femtosecond and Raman	31.00	49.00	56.00
Metrology, Optics and Spectroscopy Lab	32.00	53.00	61.00
Metrology, Zeiss Helium Ion Microscope	121.00	190.00	219.00
Metrology, Kratos XPS	40.00	66.00	75.00
Metrology, Omicron Surface Analysis	19.00	37.00	42.00
Metrology, Panalytical XRD	29.00	50.00	58.00
Metrology, PQSEI	16.00	24.00	28.00
Packaging and Assembly, Basic	19.00	37.00	42.00
Packaging and Assembly, Advanced	44.00	85.00	98.00
Pass-through, Core Service, Per Dollar	1.00	1.57	1.81
Roll-to-Roll, Prototyping	95.00	149.00	172.00
Roll-to-Roll, Process Demonstration	191.00	350.00	402.00
Storeroom, BRK 2251, Per Dollar	1.00	1.92	2.21
Storeroom, PVD Sources	MP	1.92 x MP	2.21 x MP
Staff Time, Engineering	76.00	144.00	166.00
Staff Time, Scientific, Center For AFM	64.00	101.00	116.00
Staff Time, Scientific, Optics	90.00	140.00	161.00
Staff Time, Scientific, Roll-to-Roll	102.00	160.00	184.00
Staff Time, Scientific, Spin Lab	106.00	166.00	191.00
Staff Time, Scientific, Surface Analysis	103.00	162.00	186.00

- INT = Internal; ENP = External Academic & Non-Profit; ISB = Indiana Small Business; EFP = External For-Profit.
- Rates are hourly unless otherwise specified in the service name.
- “C – “ indicates services eligible for the Scifres Equipment Service Cap for internal users.
- Facilities and Administrative (F&A) costs are included in listed external prices.
- Precious metals are charged at market prices (MP) plus applicable markups and overhead charges

Attachment 1: Birck Daily Lab Access Charging Hierarchy

Birck Nanotechnology Center Lab Access Charges. Effective June 1, 2023.

- Entering BRK labs incurs daily charges to pay for consumables and staff support.
 - The Birck Lab Fee is charged for any day of lab entry.
 - An additional surcharge also applies depending on the type of lab.
 - If labs of different types are entered, multiple surcharges may be incurred.
- **Each fee/surcharge is daily: charged up to once per calendar day, per user, regardless of the number of entries or different labs of that type entered.**
- Monthly Lab Access Cap (Internal Users): Lab fees/surcharges are subsidized by BNC after paying 15 days per month (per user, per account, per fee/surcharge).

Birck Lab Fee

50% subsidy for internal users

Applies to: Daily entry to any BRK lab/galley

\$14 / \$44 / \$51

+

Bio Lab Surcharge

18% subsidy for internal users

Applies to: BSL1/2 labs

\$9 / \$20 / \$23

Gen Lab Surcharge

18% subsidy for internal users

Applies to: Any stocked lab/galley not BSL1/2 or BRK 2100A

\$2 / \$4 / \$5

Cleanroom Surcharge

18% subsidy for internal users

Applies to: BRK 2100A

\$28 / \$53 / \$61

- Prices listed are for Internal / External Non-Profit and Indiana Small Business / External For-Profit
- Facilities and Administrative (F&A) costs are included in listed external prices.

Applicable BRK labs (subject to change without reapproval from Purdue Costing):

1081	1031	1100A	1239	2069	2239	2100A
2037	1039	1153	1254	2081	2254	
2043	1043	1154	1261	2092	2261	
2066	1045	1157	1263	2100E	2277	
2077	1066	1217	1265	2100F	2283	
2087	1069	1227	1267	2100J		
	1077	1233	1269	2217		
	1083	1235	1273	2221		
	1089	1237	2031	2233		