

Solid State and Elemental Analysis Unit (SSEA Unit)
1. Rates for Access to Powder XRD, and Crystallography and XPS Services

Rate are in AU\$, ex-GST, current for 2011-2013

	Internal Rates^a	Institutional Rate^b	Commercial Rate^c
Training, all instruments^d	Free	Free	Free
MPD Bulk Powder X-ray Diffractometer	Trained User \$30/hour	Trained User \$60/hour	Trained User \$150/hour Service Rate \$250/hour
1830 Bulk Powder X-ray Diffractometer	Trained User \$25/hour	Trained User \$50/hour	Trained User \$150/hour Service Rate \$250/hour
MRD X-ray diffraction for thin-film, grazing angle, stress, texture measurements	Trained User \$30/hour	Trained User \$60/hour	Trained User \$150/hour Service Rate \$250/hour
Empyrean X-ray diffraction for thin-film, grazing angle, stress, texture measurements	Trained User \$30/hour	Trained User \$60/hour	Trained User \$150/hour Service Rate \$250/hour
Bruker Kappa Apex Single-crystal X-ray analysis	Service Rate \$150/sample	Service Rate \$150/sample	Service Rate \$800/sample
Escalab 220i X-ray Photoelectron Spectrometer	Service Rate \$70/hour Trained User \$40/hour	Service Rate \$150/hour	Service Rate \$287.50/hour
Escalab 250i X-ray Photoelectron Spectrometer	Service Rate \$70/hour Trained User \$40/hour	Service Rate \$150/hour	Service Rate \$287.50/hour

(a) The internal rate is applicable to UNSW, ADFA and LIEF Partners.

(b) The institutional rate is applicable to all other universities, and government institutions including ANSTO, and CSIRO.

(c) The commercial rate covers all other non-government users.

(d) Training on all SSEA Unit equipment is **free for any user**. The exception is for ICP where a charge is applied to cover the cost of argon used during training.

2. Bulk Elemental Analysis Rates

Elemental analysis is usually charged per sample. The rate can vary significantly depending on the number of samples, the type of sample preparation, and the number of analytes requested. For ICP analysis please start with the cost calculator found on our website. For XRF analysis contact Irene Wainwright (i.wainwright@unsw.edu.au) for an estimate of costs.

3. Research Grant Budgets

When an **in-kind** contribution is requested in your application, please use **\$50/hour** to cover salary rates for our scientific staff.

4. Enquiries

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