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| **Western Advanced Materials Analysis Laboratory** |
| For sample analysis, please contact **analysis@advancedmaterials.ca** |
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| **Instruments** | **Price per Sample\* (CAD)** |
| **Non-Academic** | **Academic** |
| Malvern Particle Size Analyzer (Zetasizer Nano S ZEN1600) | 80 | 40 |
| Malvern Particle Size Analyzer (Mastersizer 2000) | 80 | 40 |
| UV-Vis-NIR (Shimadzu UV-3600 ) | 50 | 30 |
| FTIR (Nicolet 6700) | 50 | 30 |
| Photoluminescence-NIR | 120 | 50 |
| Thermogravimetric Analysis (up to 1000 ˚C) | 100 | 60 |
| Differential Scanning Calorimetry (-90 to 600°C) \* | 100 | 60 |
| Dynamic Mechanical Analysis (TA Q800) | 100 | 60 |
| BET Analyzer | 160 | 80 |
| Pyncnometer | 50 | 30 |
| XRD | 100 | 50 |
| **\* Consumables that require additional cost are not provided for academic users.****\*\* Per Sample Price include normal testing conditions, extra charge for longer instrument running time or repeat of same sample.**  |
| **Instruments** | **Price per Instrument Hour(CAD)\*\*** |
| **Non-Academic** | **Academic** |
| Raman (Kaiser RamanRXN1) | 120 | 50 |
| GPC (Viscotek GPCmax VE2001 and TDA302) \* | 100 | 40 |
| GPC (Polymer Labs GPC220 High temperature) \* | 120 | 60 |
| Polymer Mixer Extruder (Twin Screw)  | 80 | 50 |
| Injection Molder–Thermo Electron  | 80 | 50 |
| Instron  | 80 | 40 |
| Ultrasonic Tester for Nanocomposites  | 120 | 60 |
| Chemisorption Analyzer  | 120 | 50 |
| Atomic Force Microscope (Veeco) \*    | 120 | 60 |
| Solar Simulator (Newport Scientific)  | 80 | 60 |
| Fuel Cell Simulator | 100 | 60 |
| Autoclave Engineering Berty Reactor  | 120 | 60 |
| Supercritical Fluid Extraction | 120 | 60 |
| Supercritical Fluid Chromatography | 200 | 60 |
| **\*Consumables that require additional cost are not provided for academic users.** **\*\*Technician Rate($80/hr) extra. Minimum Charge is 1 hour.** |