



Successfully Serving the Canadian Scientific Community with Sales & Service since 1989

ATS Scientific Inc. has been offering the Canadian Scientific Community a vast range of complete sample characterization & wide range of materials processing & sample preparation equipment for over 20 years.

Their technical staff's 250 + years of combined customer support enables them to provide application driven consultation to their clientele, which regularly includes sample evaluations and instrument demonstrations.

The ATS Advantage

ATS Scientific Inc. prides itself on providing excellent technical support to customers. With their head office and regional locations, ATS Scientific Inc's highly qualified staff provides national support for their products. Immediate delivery on a variety of Instruments & Supplies is also available. ATS's Factory trained Service Engineers offer comprehensive repair and installation services at competitive rates. Customer satisfaction is their goal.

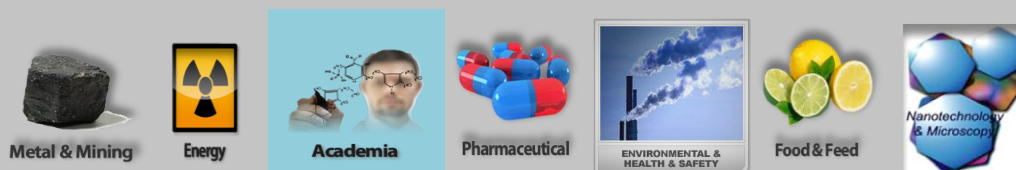
Key Benefits of doing business with ATS Scientific:

- Complete bilingual support by a knowledgeable team of Customer Service Representatives
- All instruments CSA and other applicable regulations compliant
- Sample submission and Proof of Concept services encouraged
- NMSO Agreement with Federal Labs
- Emergency Loaner Instruments available
- In-house applications laboratory
- On-site demonstrations
- Factory trained sales & service support
- In-house service centre

Quality Company Exceeding Expectations

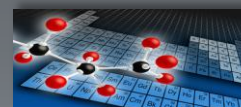
ATS Scientific Inc. has received many accolades from both their suppliers and customers for exceeding their expectations. They have forged partnerships with private industry, academia and Provincial and Federal Government laboratories, including negotiating a Standing Offer and Call Up Authority as outlined in the National Master Standing Offer Agreement for Laboratory Supplies and Sample Preparations Equipment with the Federal Government, a testament of their trust .

Key Market Segments



We look forward to discussing your application interests!

ATS Scientific Inc. is a Proud Member of



The Technologies we represent have been used in assisting with wide range of industry & Research applications. Some highlights include the following fields:

- Bio-Materials
- Ceramics
- Nanoparticles
- Carbon Nanotubes
- Vaccine Manufacturing
- Glass
- Paper & Printing
- Polymers
- Mining & Metallurgy
- Fuel Cell/ BioFuels
- Water Treatment
- Environmental Testing
- Petroleum



Visit our "technologies" section of our website: [Click Here](#)

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MILLING, SIEVING, DIVIDING & SPLITTING



Solutions for Milling, Sieving, Dividing and Splitting : Jaw Crushers, Rotor Mills, Knife Mills/Blenders, Mortar Grinders, Disc Mills, Mixer Mills/ Planetary Ball Mills, Sample Dividers/ Splitters, Fluid Bed Dryers, Ultrasonic Bath Sieve Cleaners, Pellet Presses

PULVERIZING, BLENDING/FUSION & PRESSING



Pulverizing/ Blending/ Fusion: Tissue Homogenizer & Grinders, Small and Mid Sized Freezer Mills, Milling, Shatterboxes Borate Fusion Apparatus, XRF/ XRD Supplies and Prep

MICROWAVE

DIGESTION/EXTRACTION/SYNTHESIS & TRACE

LAB PREP TOOLS



Microwave Digestion/ Extractions, Small/ Large Volume Synthesis and Ashing. Acid Purification Apparatus, Acid Reflux Units for Microwave Digestion vessels, ICP-MS Accessories cleaning and more.

MERCURY ANALYSIS SYSTEMS



Fully Automated Mercury Analysis System in liquids, solids & gas by High Temperature Combustion.

CONTINUOUS FLOW ION ANALYSIS



Fully Automated Flow Injection Analysis by Colorimetry & Ion Chromatography

MICRODISTILLATION & BLOCK DIGESTERS



Block Digesters for Total Kjeldahl Nitrogen & Total Phosphorus, Microdistillation Blocks for Phenol, Cyanide, Sulfides and additional analytes

METERS & TITRATION, VOLTAMETRY



Titration Stations with Autosamplers, pH, Ion and Conductivity Meters, Voltameters & Potentiostat Meters

**INLET SOLUTIONS FOR GC/ MS
CHROMATOGRAPHY**



Purge and Trap Concentrators for Gas Chromatography Systems. Dynamic and Static Headspace Systems for Gas Chromatography Systems

THERMAL DESORPTION



Thermal Desorption Instrumentation for GC/ GC MS Single Position and Automated Tube Sampling Systems, Static Headspace On-line Air Monitoring and Summa Canister/Tedlar Bag Sampling & Accessories

**LABORATORY ROBOTICS/SAMPLE PREP
GC/LC AND MS APPLICATIONS**



Laboratory Robotics Sample Prep Automation- for GC/ LC and MS Applications Custom solutions for CTC Sample Introduction Systems.

HPLC /MASS SPEC ELECTOCHEMISTRY



Electrochemistry Detection Systems-High Pressure Liquid Chromatography Systems. Standalone & Combined Electrochemical Mass Spec Configuration

PARTICLE CHARACTERIZATION EQUIPMENT



Laser Light Scattering, Dynamic Light Scattering, Acoustic and Digital Image Analysis. Zeta Potential, Particle Shape and Surface Area- BET

SURFACE AREA, PORE SIZE/VOLUME & DENSITY



Surface Area, Pore Size, Water Sorption, Mercury Porosimetry, Density and Chemisorption Analyzers.

**BENCH SCALE/ PRODUCTION UNIT
MICROFLUIDIZERS**



High Shear Microfluidizers for uniform particle reduction and cell disruption. Bottom up Nanoparticle Creation.

REAL TIME IMAGE ANALYSIS



Real Time Image Analysis with applications for Waters & Industry including: Pharmaceutical, Chemicals, Abrasives, Food & Beverage and Plastics.

NANOTECHNOLOGY MEASUREMENTS



Atomic Force Microscopes, Field Emission Scanning Electron Microscopy, Nanoindentation Devices

PETROLEUM TESTING EQUIPMENT



Benchtop Energy Dispersive X-Ray
Fluorescence Sulfur / Sulfur & Chlorine
Analyzers & Select Metals. UV Combustion Sulfur
and Nitrogen in Gasoline/ Jet Diesel Fuels.

ASTM PETROLEUM GLASSWARE/EQUIPMENT

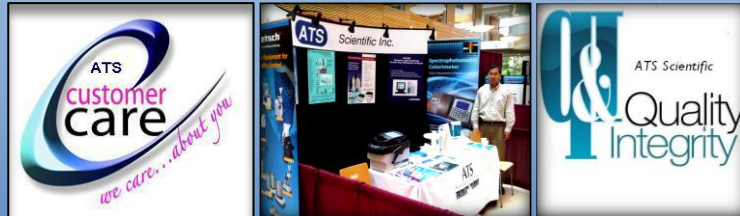


ASTM Glassware, Color measurement, Viscosity,
D1160 Vacuum Distillation, Testing equipment,
Calibration and CRM Standards, Baths and
Circulators, Thermometers and Hydrometers.

STANDARDS FOR PETROLEUM PRODUCTS



Standards for Petroleum Products including:
Sulfur in fuels, Lead in gasoline, Nitrogen in
crude oil and light oils. Polymer additive
standards. Custom standards also available.



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Call 1-800-661-6700

We look forward to discussing your application interests!

For current promotions, visit: [-http://www.ats-scientific.com/promo.htm](http://www.ats-scientific.com/promo.htm)