



Questron Technologies Corp.

Chemistry – With Precision...

World class solutions for Automated Sample Prep,
Microwave Digestion/ Ashing, Liquid Handling,
Lab Scrubbers, Accessories & Consumables.



Automated Sample Prep Workstations & Microwave Digestion Solutions

Mining Industry | Soil Testing |
Agriculture, Tobacco, Cannabis Industry | Food Industry
Stack Pollution Testing | Water Pollution Testing
Cosmetics | Pharmaceuticals & Nutraceuticals | Environmental



A first step for accurate metals analysis is bringing diverse samples into a mineralized state by applying heat & adding precise levels of heat and reagents.

Questron Technologies has dedicated twenty years in finding solutions to this complex process.

Our products digest, prepare and automate - with minimal contamination, highest accuracy and has long instrument life in a hostile environment of acids and heat.

We are proud to present our sample preparation products.

Should you need customised solutions, just give us a call!

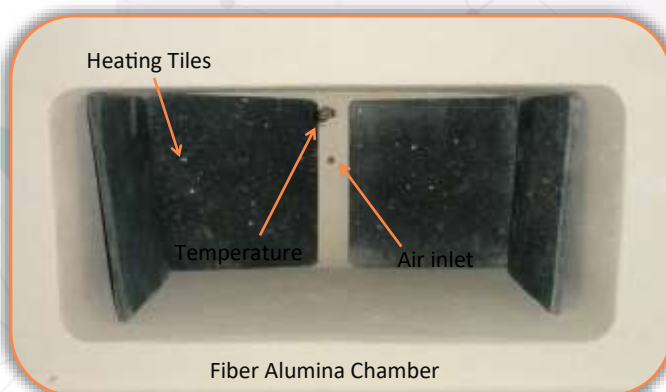
QAsh 1800

Efficient Ashing of Carbon Rich Samples Using Controlled Air Flow

- LED Bar temperature display
- Attains 1000 °C in 25 minutes
- 1800 Watts of microwave energy
- 9 - 50 ml crucibles in one batch



Microwave ashing is an innovative analytical sample preparation method that replaces the traditional ashing technique using a resistively heated muffle furnace. While maintaining the basic tried and tested principles of ashing, replacing the resistive heating with microwave heating offers distinct advantages, chief among them being speed, reduced energy cost, high sample throughput, reproducibility in results, cleaner working environment and increased operator safety.



Corrosion proof, external exhaust blower efficiently removes fumes and shortens cooling time

Accessory Products

Laboratory Grade, Compact and Efficient Acid fumes Scrubber

Even if you have a roof-top scrubber, the acid fumes are better handled at the point of source, before they corrode and otherwise damage the conduits and other hardware to the roof-top. Questron's uniquely designed fume Scrubber was developed with our Vulcan product in mind, but it would find application at any place where concentrated and hot fumes are generated, such as in fume hoods. More than 90% efficiency is achieved for most exhaust constituents, such as HNO₃ and HF acids. The unit requires a source of clean water at 1 liter per minute. Package includes an acid resistant exhaust blower that provides exhaust flow through the scrubber at 1000 to 1400 ft per minute.



Laboratory Grade Scrubber
(18.5 " diameter X 34 " high)

Questron Portable Fume Enclosure

Questron Portable Fume Hood is an ideal choice in a laboratory application where a portable, table top, acid resistant enclosed space with a fume exhaust blower is required. It presents a viable alternative where permanently fixed fume hoods are too big and too expensive.

Two sizes are available. The 84-100-325A was ideally sized to accommodate one large size or standard size Questron digestion block, It has provision to continuously remove fumes from its inner space with a rugged acid resistant exhaust. The larger, 84-100-325B model can accommodate two large size Questron digestion blocks



Accessory Products

Reagent Bottle Storage Container

Designed with the Vulcan in mind, Questron Reagent Bottle Storage Container is ideal for safely storing glass or plastic bottles. The Container can sit beside or underneath the Workstation. The unit can accommodate six of 2.5 liter bottles of standard reagent or concentrated acid bottles. Separate compartments ensure that liquids posing danger or fuming or mixing can be separated. The unit is acid resistant and designed to catch accidental acid spillage. Gas tight entry ports and active removal of in-box fumes is possible via an exhaust line connected to lab exhaust system.

As additional feature enables use of commercial racks for installation in modular furniture.



Storage & Digestion Sample tubes

Questron makes a wide variety of tubes of various constructions. Primarily, they are used in our Vulcan and QBlock instruments, but they can also find home in any application that requires sample storage, sample analysis, etc. Below is a small sampling of our standard products in this category.



	Polypropylene	Glass	Teflon
50 ml	Yes	Yes	Yes
100 ml	Yes	Yes	Yes
Temp.	120 °C	650 °C	230 °C
Usage	Single	Multiple	Multiple
Cap	Yes	No	Yes

Tel: +1 905.362.1225

Toll Free: +1 844 363 1223

Fax: +1 905.362.1229

info@QTechCorp.com



Questron

Technologies Corp.



Questron Technologies Corp.

6660 Kennedy Road, Unit 14A

Mississauga, Ontario,

L5T 2M9 Canada

Toll Free: 1.844.363.1223

www.Qtechcorp.com

