



Questron Technologies Corp.

Innovative Sample Preparation & Laboratory Automation Solutions

1-800-363-1223 www.QTechCorp.com

Automated Hot Block Digestion & Work-Up System

Vulcan

- Automatically digests as many as 84 samples
- A true click-and-walk-away system
- Dedicated flow path for reagent delivery
- Performs final dilution at the end of digestion
- Complete and thorough mixing of samples
- Precisely prepares auto sampler racks
- Choice of syringe and peristaltic pump based reagent delivery
- Can be configured easily for customized applications
- Also available: Exhaust fume scrubbers, exhaust blowers and reagent storage cabinets



Digestion Blocks

QBlock Wireless Digestion System

- Controls up to 8 QBlock or 3rd party block digestion systems
- Heating range of 180 °C, 230 °C and 400°C
- Stores numerous digestion methods and heating profiles
- PTFE-coated graphite block and exterior
- Color touch screen control and display
- Models available to accommodate 15, 25, 50 or 100ml vials
- Customized block for size and temperature available

Commander-S Heating Controller

- Easy to use single channel QBlock Heating Controller
- Small foot print, rugged model

Accessories

Fume Scrubber • Exhaust Blower • Reagent Storage Cabinet • Consumables

Automated Workstation

QPrep for Dilutions, Transfers and Dispensing

- 0.02 ml accuracy in handling reagents
- Continuous flow syringe pump
- Accommodates 6 standard autosampler racks
- Spikes sample with internal standards
- Performs multiple dilutions
- Prepares calibration and QC standards
- Prepares autosampler racks





Microwave Digestion, Extraction & Synthesis Systems

QLABPro

- Temperature and Pressure monitoring for each vessel.
 - Close and Open Vessel Configurations to suit the needs and budgets of all laboratories
 - Corrosion resistant PTFE coated reinforced cavity
 - Spring-loaded door latch ensuring effective safety shield
 - Vessel sets available for high pressure and high throughput
 - Multilayer safety features employing our unique OPGuard™ and Q-Sens™ technologies
- User friendly control panel, 7" LCD touchscreen
 - Preloaded with EPA and other standard methods
 - Choice of sensor vessels for in-situ temperature and pressure measurement
 - Time-to-temperature and time-to-power multi-step digestion recipes
 - Real-time graphical display for digestion parameters

Microwave Digestion Vessels

Very High Pressure (eVHP) and Low Volume High Pressure (LVHP)

Vessel	Sample Capacity	Vessel Volume	Max. Control Temperature
eVHP	12	100ml	230°C
LVHP	30	50ml	200°C



eVHP Vessel Set



Microwave Ashing System

QAsh 1800

- Faster, cleaner and reproducible computer-controlled ashing
- Cuts down on ashing times for most samples by 90% or more
- Display and storage of sample ashing data in tabular and graphical format
- Analytical balance integration



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