

## **QBlock**

### *Wired/ Wireless Heating Blocks for Open Vessel Digestion*

**Low Temperature (Upto 230°C)**



**High Temperature (Upto 400°C)**



**Complimentary:  
One Each Sample Tray and Holder**



**External dimensions** 33 x 30 x 15 cm, 13.1 x 11.5 x 5.9 in (W x D x H)

#### **Block Material**

Acid Resistant PTFE coated Graphite

Acid Resistant Anodized Aluminum

#### **Enclosure Material**

Welded HDPE for longevity

PTFE Coated Stainless Steel

#### **Operation**

200-240 V, 12Upto 1800 Watt  
100-120 V, Upto 1800 Watt

200-240 V – 1800 Watt

#### **Standard Matrices**

- Well ID 16-47 mm (vial based).
- Well Depth 48 or 75 mm.
- For 15/ 25/ 50/ 100 ml vials.
- 20 (5x4) positions.
- 42 (6x7) positions.
- 56 (7x8) positions.
- 72 (9x8) positions.
- Overheat prevention safety feature.

#### **Standard Matrices**

- Well ID 16-47 mm (vial based).
- Well Depth 55 mm.
- For 15/ 25/ 50/ 100 ml vials.
- 20 (5x4) positions.
- 42 (6x7) positions.
- Overheat prevention safety feature.

#### **Features Include:**

- Wireless operation available.
- Suitable for Kjeldahl requirements.
- Standard well depth 48mm and 75mm (for EPA applications).
- Accuracy +/- 1% of set temperature.
- Programmable ramping without any external computer.
- 5-sided high efficiency insulation.
- Suitable for fume hood operation.
- Realtime Data display and archiving.
- Data retrieval.

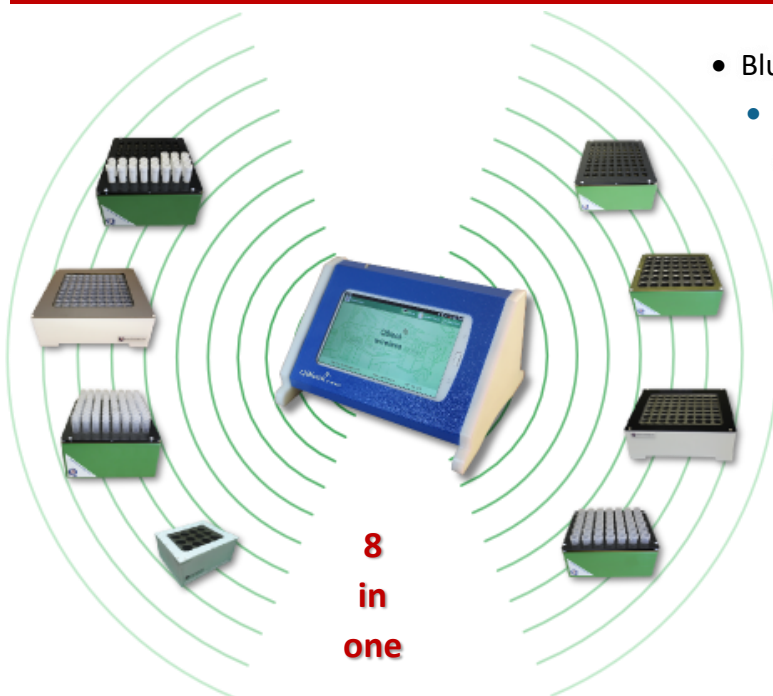
#### **Customized QBlocks**

Do you have specific requirements?

- Flat or rounded bottom.
- Deeper or shallower well depth.
- Matrix with any number of vials.

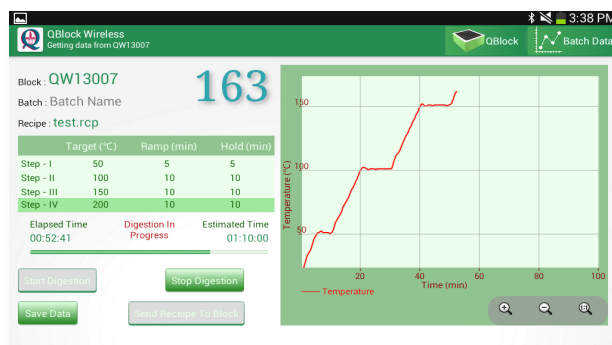
**Questron can design, seek your approval and manufacture the customized blocks, as you like!**

## Wireless Controller Multi-Block Wireless Controller



- Bluetooth control for up to 8 digestion blocks.
- Compatible with existing digestion blocks.
- Four levels of multi-step recipe profiles.
- Large color touch screen.
- Saves valuable laboratory space.
- Remote control up to 50 meters.
- Multiplerecipes and heating profiles.
- Removes electronics from acid environment.
- Built-in NIST traceable calibration.
- PC connectivity for digestion data archiving.
- Increases laboratory safety and efficiency.

### Real-time display of temperature and recipe



## Commander S - Single Block Wired Controller

- Operates one single QBlock using 100-240VAC, 50/ 60Hz.
- Programmable temperature control from 0 to 250C.
- Operates on dual thermocouple probes concept.
- Precise, programmable, multi-step ramp time.
- Temperature hold time control.
- All HDPE construction for high acid resistance.
- Compact footprint.

