

No.	Requirement Parameters	Specific Requirements
1	Product Name / Type / Purpose	HotBlock Pro is a graphite heating block designed for acid digestion (mineralization) of samples of various types during sample preparation for spectral analysis by Atomic Absorption Spectrometry (AAS) and ICP-OES methods.
2	Place of Delivery	Kyrgyz Republic, Issyk-Kul Region, Kumtor Mine, Inspection and Analytical Laboratory Department.
3	Technical Requirements	Number of positions (wells): 96 . Tube volume: 15 mL . Tube type: SC415 or equivalent . Temperature range: up to 150°C . Temperature setting accuracy: ±0.1°C . Temperature uniformity: ±1.5°C . Block material: Graphite with PTFE coating . Power supply: 220-240 V / 50-60 Hz .
4	Supplier Requirements / Documentation	Warranty letter confirming compliance of the equipment with the specified requirements, product passport/manual, and quality certificate.
5	Additional Requirements	The package shall include spare consumables for initial replacement, including heating elements, controller, SC415 tubes or equivalent, etc. The unit shall allow installation of an additional rack with different well sizes. The unit shall allow installation of an additional temperature sensor for intermediate temperature monitoring inside the heating block chamber. The quotation shall take into account operation under high-altitude conditions at elevations above 4,000 m above sea level.
6	Required Quantity	To be specified at the time of ordering.
7	Payment Terms and Delivery Schedule	To be determined and agreed in the Contract.