

## **Technical Specification for the Purchase of a Centrifuge for OIAL**

### **1. Name / Type / Purpose**

Portable centrifuge.

Purpose: A portable, benchtop, batch-type centrifuge with a digital control system.

Designed for separation of heterogeneous liquid systems with a density of up to **2 g/cm<sup>3</sup>** under centrifugal force.

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### **2. Place of Use**

Kyrgyzstan, Issyk-Kul region, Kumtor mine,  
Inspection and Analytical Laboratory Department.

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### **3. Technical Requirements**

1. Type: Portable, benchtop centrifuge.
  2. Test tube cell dimensions: Height – 150 mm, outer diameter – 19 mm.
  3. Minimum capacity: at least 12 test tubes per holder.
  4. Speed: from 500 rpm, with 100 rpm increments.
  5. Time to reach operating mode and braking time: no more than 3 minutes.
  6. Timer setting: from 0 to 99 minutes, with 1-minute increments.
  7. Power supply: 220 V / 50 Hz.
  8. Corrosion-resistant.
  9. Noise level: non-critical, shall comply with standard laboratory equipment requirements.
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### **4. Supplier Requirements / Documentation**

1. Availability of equipment certificates.
  2. Technical documentation (user manual).
  3. Warranty and service conditions.
  4. Availability of spare parts information.
  5. Operational support.
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### **5. Additional Requirements**

1. Warranty period: not less than 1 year.

2. Service and maintenance support.
  3. Delivery within the cpoк agreed with the customer.
  4. Return or replacement conditions.
  5. Additional test tube holders (tube diameter 35 mm, height 120 mm).
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#### **6. Required Quantity**

To be specified at the time of order.

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#### **7. Payment Terms and Delivery Time**

To be defined in the contract.