

About ISSR

It is a public institution (based in Sulaimani city-Iraq) affiliated to the Ministry of Higher Education of the Kurdistan Region of Iraq (KRI).

Vision

Becoming a reliable Centre of Excellence for strategic studies to address national and global challenges.

Mission

- 1- Delivering cutting-edge research and strategic studies to find knowledge-based solutions to local, national, and global challenges and needs.
- 2- Fostering interdisciplinary research to tackle complex problems and drive innovation.
- 3- Producing reliable data and knowledge that can inform decision-making and empower communities, especially marginalized and underserved communities.
- 4- Building extensive networks and research collaborations, locally and internationally.
- 5- Developing high-quality research capacity building and consultation.

Field and Application

uses to prepare fine powders for X-ray diffraction (XRD), X-ray fluorescence (XRF), ICP-MS and Rock-eval6 machines.



Grinder machine

Description

Grinder machine is a device used to finely grind solid materials, such as rock samples, into fine powder. In geological and laboratory settings, it is commonly employed to prepare rock or mineral samples for chemical, mineralogical, or structural analysis. The process ensures a uniform and fine particle size suitable for analytical techniques like XRD, XRF, ICP-MS, and Rock-eval6 machines.



Result Explanation

Explanation of Result

The powder sample is prepared for various analytical or experimental purposes. The characteristics of this powder, such as its particle size, composition, and homogeneity.

Sample Type

Rock samples

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