

Name 1	KIPP'S APPARATUS
Name 2	/
ID number	002.312.Idrija
Manager / Administrator	Idrija Municipal Museum, Prelovčeva 9, SI-5280 Idrija.
Ownership	Public
Owner	Municipality of Idrija, Mestni trg 1, SI-5280 Idrija
Local / Original ID Number	510:IDR;RZ-264
Type of Object	Mine, Smelting

DESCRIPTION

Short description	Kipp's apparatus consists of three vessels – bowls. During the implementation of various experiments, iron (II) sulfide (FeS) is placed in the bottom bowl, sulfur hydrogen (H₂S) in the middle bowl and hydrochloric acid in the top bowl. H₂S was used for the production of mercury sulfide (HgS). The described object could also be used for the production of carbon dioxide (CO₂) or other gases. The bottom bowl had a smaller stand on the bottom. The bottom and the middle bowl were fused together. The top bowl with prolonged neck is inserted in the middle one. The bottom and the middle bowl have an opening at the side, the top bowl has an opening on top.
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Measures	Length 19 cm, width 22 cm, height 69 cm.
Materials	Glass
Dating	The time of creation is unknown.
Author / Producer	Manufacturer information is not known.

**Picture
attachments**

Original use	Kipp's apparatus was used for production of various gases in the laboratory of the Idrija Mercury Mine. It was used mostly for obtaining hydrogen sulfide, which was produced by the action of acid on solid substance.
Present use	The described object is being preserved, secured and presented as important mining heritage of Idrija with exceptional universal values. It is a part of the mining collection of the Idrija Municipal Museum. It is located in the depot and can be used for temporary museum exhibitions. It can also be used for different types of mercury heritage promotions.
Original location	Laboratory of the Idrija Mercury Mine.
Present location	Idrija Municipal Museum, Prelovčeva 2 depot.

STATE OF CONSERVATION

History of conservation:	The object is properly preserved. Additional interventions are not necessary. Security of the premises is taken care of.
Present state	good
Necessary activities:	Regular seasonal maintenance.

DOCUMENTATION

Addresses / collections / links etc. where further in-depth information is	
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accessible:	- Inventory Book of the Idrija Municipal Museum; - Kavčič, Ivica. Živo srebro: Zgodovina idrijskega žgalništva. Založba Bogataj, Idrija, 2008.
Submitted	Mestni muzej Idrija
Submitted by	Miha Kosmač
Date Submitted	13. 3. 2018
Date Edited	Never
