

Name 1	BAROMETER - DOUBLE PIPE
Name 2	/
ID number	002.395.Idrija
Manager / Administrator	Idrija Mercury Heritage Management Center, Bazoviška 2, SI-5280 Idrija
Ownership	Public
Owner	Republic of Slovenia
Local / Original ID Number	/
Type of Object	Daily life

DESCRIPTION

Short description	The two-piped barometer is positioned in the cast iron housing, which protects the piper against possible impacts. The upper part of the housing is rectangular and is attached to the switch valve on the left and the right side. The pipes were attached to the valve. The right switch valve has an venting bottle attached, and the left one has a venting valve. Two rubber pipes are attached to the back side. A measuring scale with a measuring indicator is mounted between the two pipes of the barometer. The entire barometer is attached to the red wooden pedestal.
Measures	Length 36 cm, width 13 cm, height 106 cm.

Materials

Wood, glass, steel, brass, plastic, mercury.

Dating

Creation time is unknown.

Author / Producer

Manufacturer information is not known.

Picture attachments

Image not readable or empty
/home/mcxsd05/domains/heritage-mercury.net/public_html/base/components/com_rsform/uploads/5ab0ff0413116-Di



Original use	A barometer is a physical measuring device for measuring air pressure. The differential terrain manometer was used for measuring the differences between two pressures in engineering, building industry and process industry. The measured pressure is on one side of the tube and the comparative one on the other side, e.g. atmospheric with the open liquid manometer. The difference between the pressures is read directly through the differences in the height of the liquid columns in both pipes.
Present use	The two-piped barometer is being preserved, secured and presented as important mining heritage of Idrija with exceptional universal values. It is a part of the CUDHg Smelting Collection. Visitors can view it within the permanent museum display "From Ore to Mercury Drops" in the Hg Smelting Plant, which represents the characteristics and the versatile use of mercury in science, technology, medicine, culture and every day life. Within the exhibition the object is placed in the density segment and it represents the usefulness of mercury for technical devices.
Original location	Kolektor turboinštitut d.o.o.
Present location	Hg Smelting Plant (From Ore to Mercury Drops), Arkova 50, SI-5280 Idrija

STATE OF CONSERVATION

History of conservation: The double tube barometer is well preserved. Additional interventions are not necessary. Security of the premise is taken care off.

Present state good

Necessary

activities: Regular seasonal maintenance.

DOCUMENTATION

**Addresses /
collections / links
etc. where further
in-depth
information is
accessible:** - CUDHg Inventory Book.

Submitted Mestni muzej Idrija

Submitted by Miha Kosmač

Date Submitted 17. 3. 2018

Date Edited Never
