

Name 1	EXPERIMENTO DE LA DENSIDAD DEL MERCURIO Y MANÓMETROS EN EQUILIBRIO
Name 2	EXPERIMENT ON MERCURY'S DENSITY AND MANOMETERS IN EQUILIBRIUM
ID number	001.79.Almadén
Manager / Administrator	Reyes Ávila Bercial, Cerco San Teodoro, s/n, 13400-Almadén (Ciudad Real)
Ownership	Public
Institution	Minas de Almadén y Arrayanes, S.A
Local / Original ID Number	001.001.003.286
Type of Object	Knowledge, social care

DESCRIPTION

Short description	"Explanation of the experiments: The density of mercury. Activating the motor, we can see how the container gets filled with water; when the volume of the water is almost 14 times greater than that of mercury, the weight of the water will overcome that of mercury. Which physical property explains what happened? Density is the amount of mass times the amount of space a body occupies. In the case of mercury, this is 13.69g/cm³, which is almost 14 times more than water, whose density is 1g/cm³. Manometers in equilibrium. In one of them, there is only mercury, in the other there are
--------------------------	---

mercury and water. As can be seen, the amount of water needed to balance the manometers is 13.69 times greater than the amount of mercury, due to their different properties."

Measures "length: 1.90m
width: 1.10m
height: 2.10m"

Materials

Dating 2008

Author / Producer Minas de Almadén

Illustrations

Image not readable or empty
/home/mcxsd05/domains/heritage-mercury.net/public_html/base/components/com_rsform/uploads/6267c3f448cfe-DE



Original use	Museum and didactic use, interacting with visitors.
Present use	Museum and didactic use, interacting with visitors.
Original location	Mercury Museum (Mining Park)
Present location	Mercury Museum (Mining Park)

STATE OF CONSERVATION

History of conservation:	
Present state	good
Necessary activities:	

DOCUMENTATION

Addresses /collections/links etc. where further in-depth information is accessible:	www.parqueminerodealmaden.es
Submitted	AYUNTAMIENTO ALMADEN
Submitted by	Alicia Escudero & Águeda Moyano
Date Submitted	26. 4. 2022

Date Edited

Never
