

Hofmann's Voltameter S

Order code: **5401.1003507**



Cena bez DPH

458,00 Eur

Price with VAT

554,18 Eur

Parameters

Quantitative unit

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Hofmann's voltameter is used for determining the chemical composition of water by volume. The apparatus consists of three vertical glass tubes connected to each other at the bottom. Taps at the top ends of the outside tubes are closed whilst the inner cylinder is open at the top to allow the addition of water via a reservoir. Gold sheet electrodes are fitted to the lower ends of the outside tubes and connected to a low-voltage power supply. The proportion of hydrogen and oxygen produced by electrolysis from the water can be read from the graduations on the side tubes. By opening the taps at the top of the tubes, gases can be collected for analysis. Carbon electrodes are also available for analysis of solutions where gold is unsuitable.

- **Dimensions:** approx. 580 × 150 mm
- **Stand base, A-shaped:** 115 mm leg length
- **Operating voltage:** 4 - 12 V DC

Additionally required:

- 5401.U33020230 DC Power Supply, 0 - 20 V, 0 - 5 A (230 V, 50 / 60 Hz)

Additionally recommended:

- 5401.U21020230 Power and Energy Meter (230 V, 50 / 60 Hz)
- 5401.U58011 Carbon electrodes