

Hydrogen Determinator

Instrument : H-TS-DETERMINATOR

Type of measurement : Physicochemical

Measurement parameter : Thermal Conductivity

Nature of samples : Solid samples (Metals, alloys and inorganic compounds)

Sample size : 0.2-2 g

Lowest measurement capability : 10 μ g/g



Principle : The equipment is based on inert gas fusion technique. The sample is heated to a high temperature in a graphite crucible with tin flux under inert atmosphere. Hydrogen is detected by thermal conductivity detector