

Volumetric Hydrogen Sorption Analyzer (Sievert Apparatus)

Qty = 0/1/10

1. Brand/Model : Seteram PCT Pro, PCT Pro 2000, Hiden Isochema IMI-HTP UK
Or equivalent Non-Chinese equipment
2. Temperature Range: Cryogenic to 500 °C. (software controlled)
3. Operating Pressure Range: Vacuum to 200 bar. (software controlled)
4. Minimum detectability: 3µg H₂ (0.3 wt% for 1 mg of sample)
5. Sample holders: Microdoser, standard stainless steel, high temperature holder, holder for powder, solids, fiber, film, liquid of various sizes.
6. Cryogenic attachment.
7. Software for automation and data acquisition (PCT, PCI Isotherm generator), Vant Hoff's plot, true kinetics (rate constant, capacity), Charge/discharge cycling with repeated PCT and kinetic measurements.
8. Calibrated volumes
9. Service and operating manual.
10. Certificate of quality.
11. Power : 220 to 240 V 50 Hz
12. Standard working accessories.
13. High Pressure regulator

Spares

1. Thermal conductivity detector
2. Pressure Transducers
3. Sample holders
4. Pneumatic, electro pneumatic valves, solenoid valves