

International Shopping

DEPARTMENT OF PHYSICS

Tender for Equipment – NITT : 16/2006/TEQIP

Date : 4-10-2006

01.TPHYIS01-Hall Effect Measure System

- Maximum sample size : 20mm x 20mm
- Measurement Temperature : 300k
- Measurement Material : All semiconductors including Si, SiGe, SiC, GaAs, InGaAs, InP, ZnO, GaN (n Type & p Type can be measured).
- Resistivity Range : 10^{-4} to 10^7
- Magnet : Permanent magnet (diameter : 30mm)
- Magnet Flux Density : 0.55 Tesla nominal
- Pole Gap : 26mm
- Hall Voltage limit of 2000mV
- Standard field strength 0.55 Tesla to 1.0 Tesla