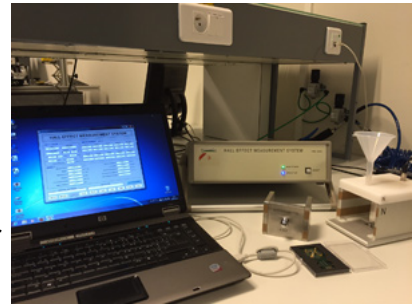


## Prober Hall Effect Measurement System

**Short description :** Our HMS3000 Hall Measurement System is a complete system for measuring the resistivity, carrier concentration, and mobility of semiconductors. It provides bulk/sheet carrier concentration, mobility, hall coefficient, bulk resistivity, conductivity, magneto-resistance, and alpha (vertical/horizontal ratio of resistance).

The system includes software with I-V curve capability for checking ohmic integrity of the user made sample contacts. The system can be used to characterize various materials including semiconductors and compound semiconductors (N Type & P Type) such as Si, Ge, SiGe, SiC, GaAs, InGaAs, ZnO, TCOs, metals, ...at both 300K and 77K.



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