
Hall Effect Measurement System



innovations
for high
performance

microelectronics

Technical Parameters

Lakeshore 7600 System

Magnetic Field: 0-1.8 Tesla

Temperature: 15K -800 K

Software:

Quantitative Mobility Spectrum Analysis Software (QMSA) calculates the mobility and concentration of different charge carriers (holes and electrons)



Application areas

- Measurement of resistivity and Hall coefficient by Van-der-Pauw method (10 m Ω -10 M Ω)
- Temperature- and field-dependent determination of sheet carrier density and carrier mobility

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