

各种CNT的观察与测定 III

Various Types of CNT Observations and measurements:#3

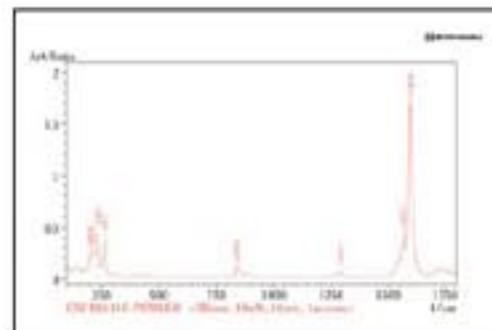
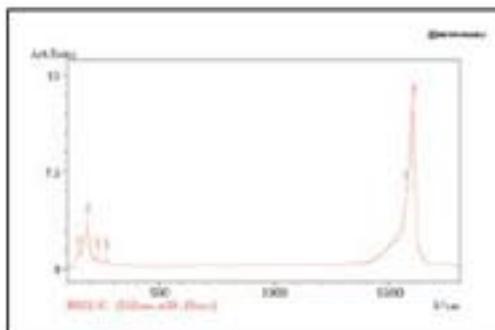
样品：HiPco 单层碳纳米管（产物级）

Sample: HiPco single-walled carbon nanotubes(As-Produced grade)

Carbon Nanotechnologies Inc生产的SWNT的观察与测定实例。

This is an example of observation and measurement of DWNT, produced by Carbon Nanotechnologies Inc.

拉曼分光 (HoloProbe 监控系统) /Raman Scattering



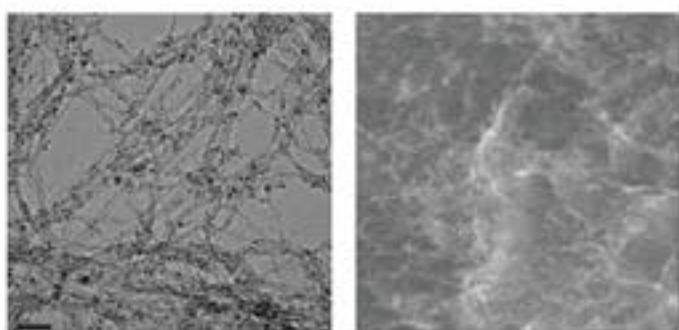
532nm激发的拉曼光谱

Raman spectrum at 532 nm excitation

785nm激发的拉曼光谱

Raman spectrum at 785 nm excitation

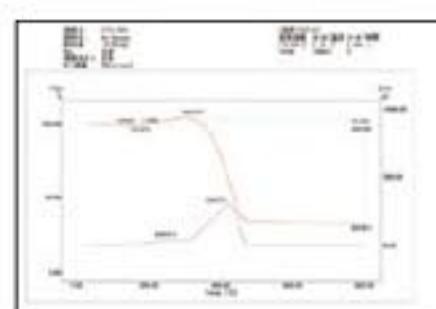
TEM·SEM



TEM/SEM对SWNT的观察

SWNT observation by TEM and SEM

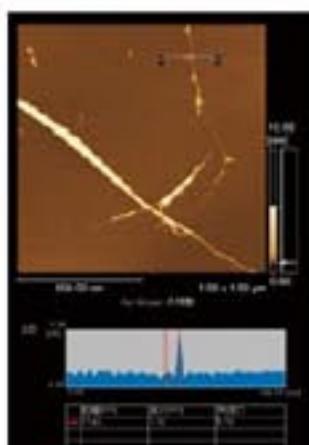
热重分析 (TGA-50) /Thermogravimetry



DTG的热重分析

Thermogravimetric measurement by DTG

SPM (SPM-9600)



SPM对SWNT的观察及直径的估算

SWNT observation and estimate of diameter by SPM