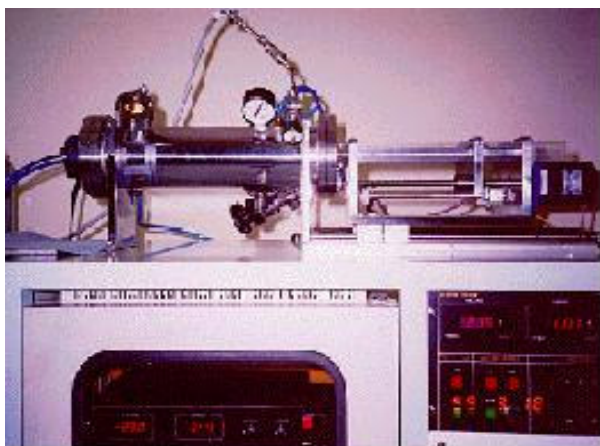
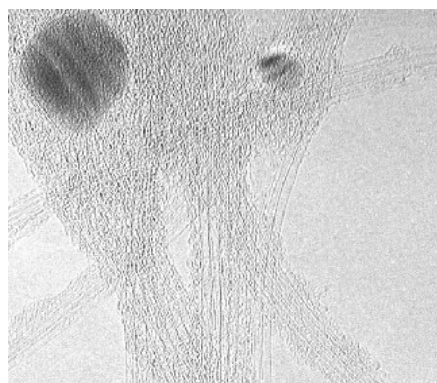


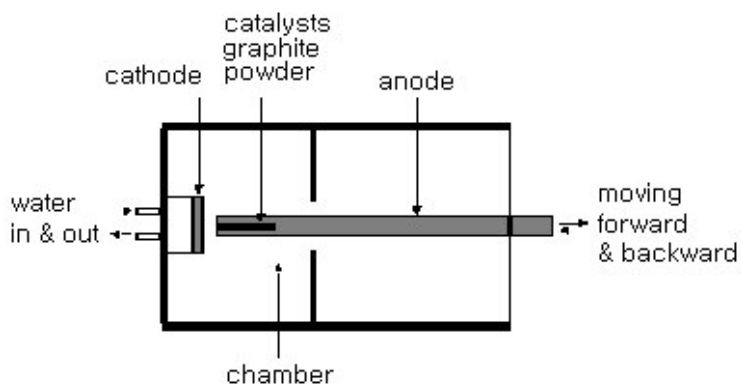
ATS-PVD Series Arc Discharge System with High Performance



TEM images of CNTs

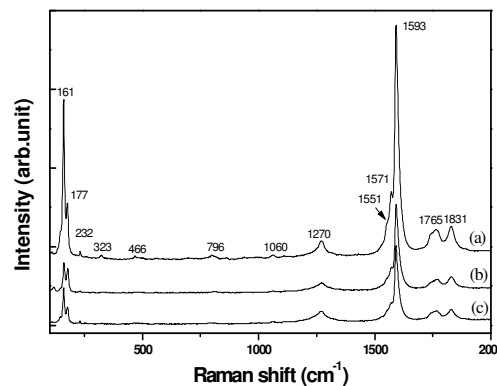


Schematic Diagram



Raman spectrum of CNTs

(a)100Torr (b) 300Torr (c) 500Torr (Ni:FeS=1:1)

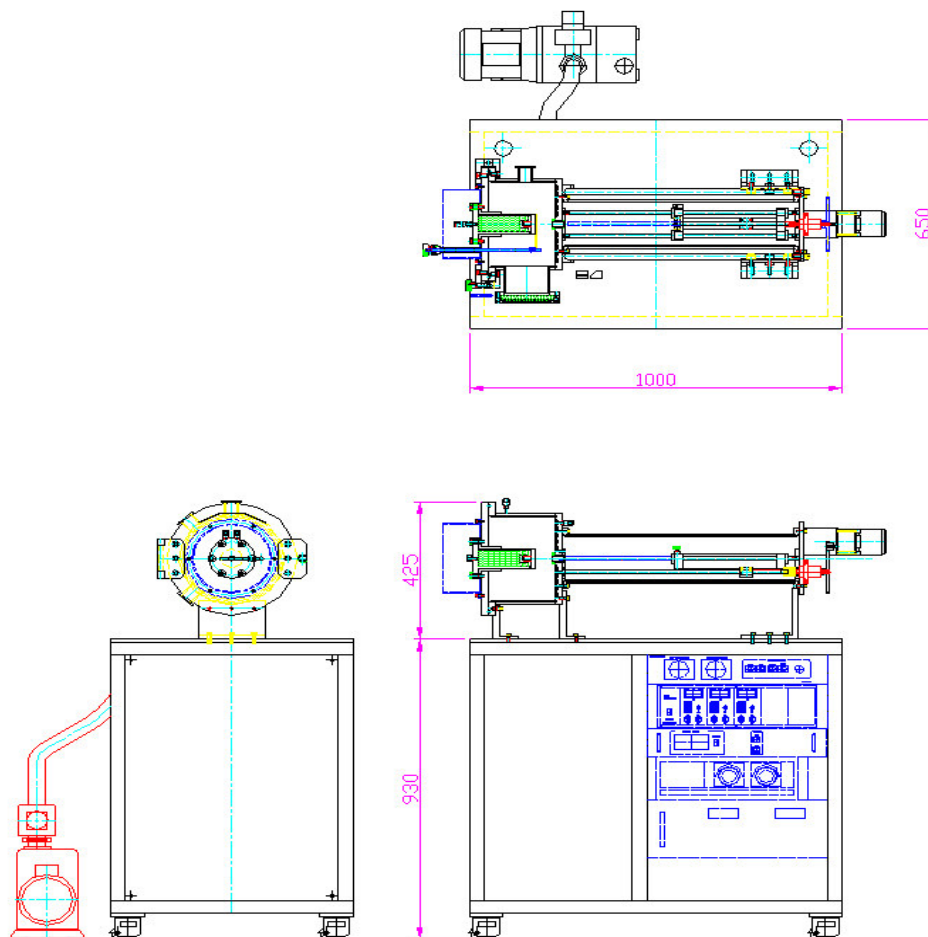


Special Features

- ◆ Small DC arc discharge system for CNT(Carbon Nano Tube) synthesis
- ◆ SWNT and MWNT synthesis
- ◆ Applications
CNTs growth
- ◆ carbon rod
6Φ × 30 mm

- ◆ Average throughput
Up to 10kg per year
- ◆ Dimension
800L × 1000H × 600W (mm³)
- ◆ Others
Power: DC 2kW
Gas : He/H₂/Ar
Pump: rotary(600l/min)

◇ Layout



175-25, Cheongcheon-Dong 2, Bupyeong-Gu,

Incheon, 403-853, Rep. Korea

Phone: +82-32-508-8060/8067

Fax: +82-32-508-8069

E-mail: atech@atechsystem.co.kr

Website: www.atechsystem.co.kr