

Helicon Source

- $P=3 \text{ mTorr (0.4 Pa)}$
- $P \text{ source RF}=400\text{W}$

ICP Mode

External Helicon Antenna

Pyrex Tube
($\Phi=15\text{cm}$)

O_2

Matching Box

13.56MHz
(400W)

Solenoid

In-situ ellipsometer

Source

Analyser

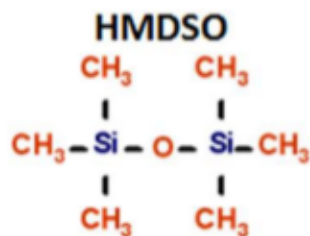
Polarizer

Monochromator

Diffusion chamber

Computer

35°C



Pumping System

Bias control :
Matching Box + RF
Generator

Substrate Holder

Carrier gas
(CG) O_2

60°C

TTIP

