

TECHNICAL SPEC FOR CD-SEM

System Model: Hitachi S-9220

Wafer size: 6 inch

Robot: TAZMO

Measuring size: 0.1-10 μ m

SECS/GEM: available, S6F9/S2F17/S2F18 have been used

Objective lens: highly-excited low aberration lens

Voltage: 500-1300V

CCD Camera: 1.2mm square field, black & white CCD camera, 110x magnification (optical microscope image)

SW Version: System 15.22, HOST/SEM 15.20, IPS: 15.21(4500), Stage: 01.07, EVAC: 02.01, HV: 04.02, WT: 01.11M

OS: HP-UX

Vintage: 2000

Load port, SMIF or Cassette? : open cassette

What type is the end station? 3 load ports

Missing/defective parts: HV-Controller missing, very slight leakage in column in tip area
-> tip lifetime \leq 1 year, turbomolecular pumps + Controller missing, Scroll pumps and Chiller missing