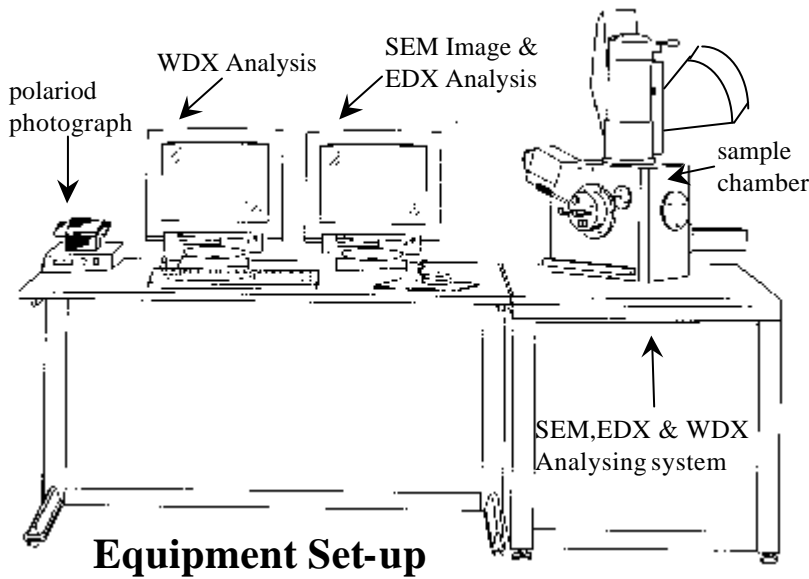
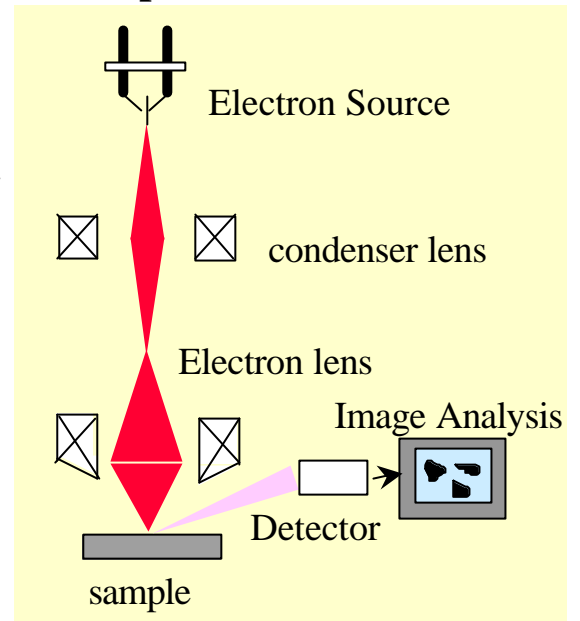


Principle ~ Setup



Principle



Equipment capability

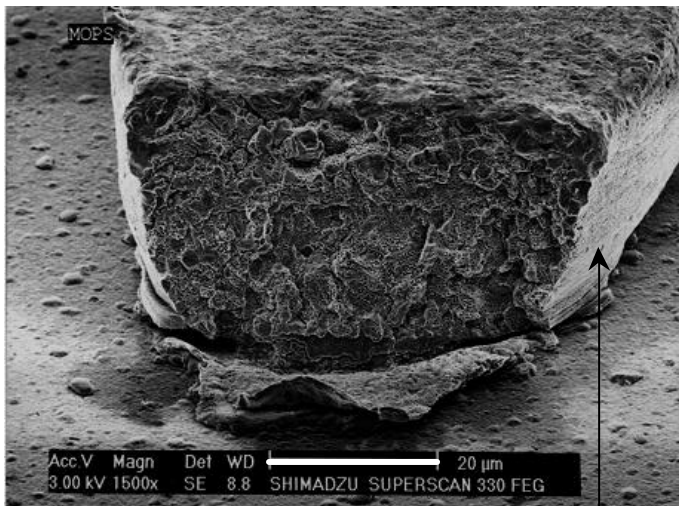
	Sample Size	Magnifying Effect	Resolution	Information
SEM	14 mm ϕ x 10 mm	<100x ~ >10 000x	3 nm	Shape & Surface Analysis (detailed surface topography)

EDX Analysing system : determine types of elements present ($^6\text{C} \sim ^{92}\text{U}$)

WDX Analysing system : determine the quantity of each elements present.

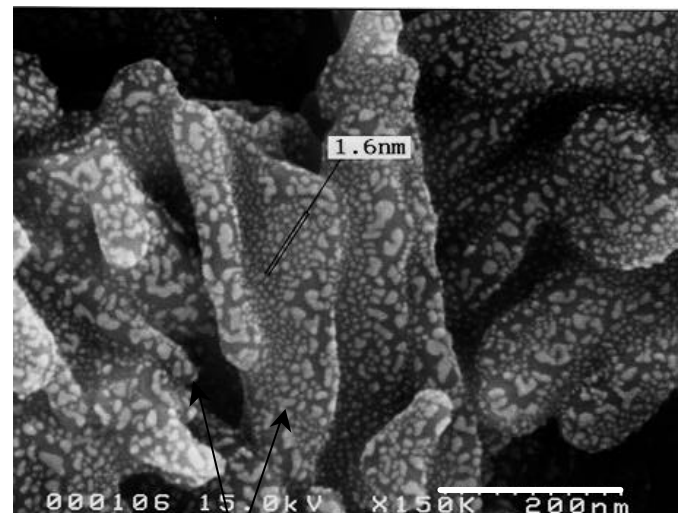
Analysing example

Fracture surface of Al wire bonding
(MOPS sensor parts)



Al wire bonding

Magnetic Recording Tape coated with gold



Gold particles