

PHILIPS ESEM SCHEDULE

CUSTOMER : _____ INSTRUMENT: _____

Serial #: _____ Software Version: _____ Windows: _____

DATE : ____ / ____ / ____ MAJOR MINOR SERVICE

NOTE DOWN

Discuss with customer general performance.	
CHECK ERROR REPORT	
TYPE OF ED SYSTEM	
ACCESSOIRES	
(BSD, Ion pump, cryo stage, printers, photo unit, additional monitor, etc..)	

INITIAL CHECKS

LAST 10 ERRORS (SERVER PAGE)		
STAGE MOVEMENT (HOME STAGE)		
VACUUM pump down time		
COLUMN		
SCINTILLATOR		
SUSPENSION		
GUN CERAMIC		
COMPRESSED AIR		
KEYBOARD, MOUSE		
PRINTER		
CHECK ED TIP FOR OIL		
ION PUMP		

CLEANING, POLISHING AND CHECKING OF:

WHENELT CAP		
GUN CERAMIC		
APERTURES		
COLUMN LINER		
BULLETS		
SCINTILLATOR GRID		
ED DETECTOR TIP (clean with Petroleum/Ether)		
CHECK O-RINGS		
CHAMBER		
VACUUM VALVES (Check V7)		
ROTARY PUMPS (Change oil in RVP1 and RVP2)		
PENNING GAUGE		
CHECK WATER BOTTLE		
MAIN CONSOLE		
COLUMN SHELL		
KEYBOARD, MOUSE		
MONITOR		
PHOTO CRT		
NOISY FANS		
BLOWN BULBS		
COMPRESSOR (drain water)		

OPERATIONAL CHECKS

		COMMENTS
VACUUM (Pumpdown time)		
FILAMENT STABILITY		
CHECK BSD / WET MODE		
AUTO CONTR/BRIGHTNESS		
STIGMATISM (30kV/5kV)		
DIFF. PUMP COOLING		
RESOLUTION		

MECH VIBRATION		(10mm between column and console)
PRINTOUT		
E.D.S. RESOLUTION		Cu K: L:

GENERAL COMMENTS

Make two copies of the MD.TXT file. One for the customer, one for savekeeping at ANASPEC

SERVICE ENGINEER

CUSTOMER SIGNATURE

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