

Department of Bacteriology

TECHNICAL SPECIFICATIONS OF AUTOMATIC STAINER (TB SLIDE STAINER)

S.No	Technical specification	Complied (yes or No)	If compliance given, mention the page no. of your technical document where the details are provided
1.	Slide Stainer should have advanced staining technology having microprocessor-controlled slide staining with the advantage of alcohol based staining routines plus powerful custom staining options		
2.	Reagents must be applied from atomizing spray nozzles onto microscope slides containing the specimens so that specimens contact only fresh stain, avoiding specimen cross contamination or contact with contaminated reagents. Fixation can be adjusted to suit individual preferences.		
3.	Equipment must be fully automated with Fluorescence and ZN dyes are loaded separately onto the instrument to correct the reagent stability problems common to mixed stains. These stains are automatically combined and mixed prior to application to produce superior results		
4.	Equipment must comply with CE mark/USFDA approved and manufacturer must be ISO 13485: 2003 certified		
5.	Equipment must have simultaneous contact by both dyes produces the classic staining patterns with superior, textbook quality results		
6	Equipment should have minimum 12 slide carousel capacity for staining with immediate slide viewing upon completion of staining		

7	Equipment should have different intensities for each of the set programs: and Custom Stain with simple adjustment routines to tailor the staining to individual preferences		
8	Equipment must have simply select the user-defined program and start stain cycle. The stainer takes over from there, precisely controlling all phases of the stain cycle with virtually perfect reproducibility		
9	Equipment must have automated nozzle clean and purge after each stain cycle ensures performance without user intervention		
10	Equipment must have drain connection outlet on rear panel		
11	Equipment must have safety lid interlock with lid must be closed for operation, and is locked down during carousel rotation		
12	Equipment must have reagent level detection on all reagent lines		
13	Equipment should have alphanumeric touch screen display of LCD/LED type		
14	Complete service manual & circuit diagram, operating manual must be provided in print and soft copy format		
15	Appropriate double booster Servo stabilizer to be provided		
16	Warranty: standard warranty of one year, CAMC for 2 nd and 3 rd year and AMC for the 4 th year		

