08 BW-3000 & BW-901

Full Automatic Urinalysis System

【Test Item】

Standardized classification and quantitative counting for urine sediment

Test Parameters: Normal RBC,Standing RBC, Dysmorpuic RBC,Normal WBC ,WBCC,Pus Cell ,Hyaline Cast ,Granular Cast,WBC Cast ,Squamous Epithelial Cell ,Normal Epithelial Cell ,Sperm ,Calcium Crystal ,Oxalate Crystal Bacteria ,Yeast ,Amorphous Urates ,Mucus etc.

10.11.12.14 chemical indicators in urine can be automatically analyzed according to the applicable strips.

Strip Parameters:Urobilinogen(URO),Bilirubin(BIL), Ketone（KET), Blood（BLD),Protein（PRO), Nitrite（NIT), Leukocytes（LEU), Glucose（GLU), Specific Gravity（SG), PH（pH),Ascorbic Acid（VC), Microalbumin（MAL), Creatinine(CRE), Calcium(CAL).

【Working Principle】

Urine sediment analysis:Using machine vision technology to automatically identify and classify the urine formed elements with automatic morphological method.

Urine dry chemistry analysis:Reflected photoelectric colorimetric analysis.

【Feature】

1. Automatic urine dry chemical detection and microscopic examination will be finished in one time, which is efficient, fast and pollution-free.
2. The design of four-channel counting pool features constant speed 120 samples/hour, positive specimens will not reduce speed.
3. The results of urine dry chemical analysis, urine sediment test, physical and chemical indexes, and pictures and texts willbe reported comprehensively.
4. Automatic focus calibration without focus fluid, which reduces maintenance costs.