

UV-Vis Spectrophotometer Nano drop:

The instrument should have following specifications:

Instrument Control: Built-in touch screen

Minimum Sample Volume: 1 μ l

Limit of Detection - dsDNA : Pedestal: 2.0 ng/ μ L and BSA(IgG): Pedestal:0.06(0.03) mg/ml

Measurement and Data Processing Time: 8 Seconds

Wavelength: Range 190—850 nm

Accuracy: \pm 1 nm

Light Source: Xenon flash lamp

On-Board Control: Operating System – Android TM

CPU - Quad Core ARM[®] Cortex TM-A9 Processor

Display - 7-inch, 1280 x 800 high-definition color display

Touch screen - Multipoint capacitive touch

Connectivity: Three USB-A ports, Ethernet, Bluetooth[®] and Wi-Fi

3PC Software Requirements: Windows[®] 7 and 10, 64 bit

Accessory Support: Dymo Label Writer 450 pointer, Bluetooth keyboard, mouse and barcode reader

Applications Support: Nucleic Acid A260, A260/A280, A260/A230 and Labeled Nucleic Acids; Protein A280 and A205, Protein Pierce 660 Protein Bradford, Protein BCA, Protein Lowry, Labeled Proteins, OD600, Kinetics, UV-Vis, and Custom Methods

Quartz cuvette 10 mm path length,

Suitable PC compatible with offered instrument