

Technical Specifications

	3. 2-years warranty on all parts and services
	4. Annual preventive maintenance for the duration of warranty period
	5. Shipping, all installation materials, and installation proper by installation engineer
	6. 2 Training sessions by field applications specialist, 1 session (basics) within 2 weeks after installation of equipment and 1 session (advance) 2-3 months after the first training. Training should include equipment operation, maintenance, troubleshooting and use of softwares for data analysis. Training should be good for 10-15 pax.
	7. Training certificates
	8. Equipment manual and calibration certificates
<ul style="list-style-type: none"> Microvolume Spectrophotometer with Fluorometer (1 unit) Specifications: 	1. Monochromator based optical system
	2. Xenon flash lamp light source for longer life span
	3. Wavelength range of 200-1000nm
	4. Compatible for 96 and 384 well plates
	5. With linear plate shaking option
	6. Incubation range within Ambient to 40 degrees Celsius
	7. Spectral scanning speed between 10-20 seconds for the whole wavelength range
	8. At least 7-inches integrated touch-screen display, with built-in protocols for nucleic acid and protein quantification
	9. At least has 1 USB port for PC, 3 USB port for USB memory device and Wi-Fi dongle, 1 Ethernet port
	10. Power requirements: 220-240 V, 50-60Hz
<ul style="list-style-type: none"> Equipment accessories for Spectrophotometer with Fluorometer as follows: 	1. 1 unit microvolume fluorometer for nucleic acid (ssDNA, dsDNA and RNA) and protein quantification and quality assessment. The unit should have a feature that is able to assess the RNA Integrity Number (RIN) with result storage of at least 500 sample runs and at least 5-inch color touch screen for display interface and capable of data export through USB drive or cable
	2. Assay tubes set of 500
	3. Assay kit for dsDNA for very low concentration samples, 100 assays
	4. Assay kit for dsDNA for high concentration samples, 100 assays
	5. Assay kit for RNA degradation test, 100 assays
	6. Assay kit for RNA for low concentration samples, 100 assays
	7. Assay kit for RNA for high concentration samples, 100 assays
	8. Assay kit for Proteins, 100 assays
	9. 4 pcs quartz cuvettes
	10. Starter supply for microplates
	11. Starter supply for nano-drop plates
	12. 1-unit laptop, unit should have an operating system, processor and