

**NANO 100**

**ALS-INS025**



## INTRODUCTION

- ALS-INS025 is the perfect instrument for almost lab dealing with sample analysis or preparation.
- It can accurately measure DNA, RNA and Oligonucleotide calculations, protein assays etc.
- The system utilizes CCD detector, a Xenon light source for long lamp life time together with simply software.
- Simple pipette 0.5~2ul sample on to the pedestal, laying down the sampling arm, it can automatically complete the measurement within 3-5 seconds.

## KEY FEATURES

- Direct, easy measurements in less than 3-5 second: just pipette & wipe.
- Full spectral output.
- Measures DNA, RNA (A260) and protein (A280), concentrations and sample purity (260/280 ratio).
- Large concentration range without dilutions.
- User-friendly software that includes custom methods and data export capabilities.
- Low cost operation: No plates or other consumables

TECHNICAL SPECIFICATION	
Minimum sample size	0.5-2.0μl
Path Length	0.22mm
Light source	Xenon flash lamp
Detector type	3864 element linear silicon CCD array
Wavelength accuracy	1nm
Spectral resolution	≤3nm
Absorbance precision	0.003Abs
Absorbance accuracy	1%(at0.76at 350nm)
Absorbance range	0.02-90(10mm equivalent)
Measurement time	<5s
Dimension	200x262x154
Weight	2.5 Kg
Simple pedestal material	Aluminum ,alloy and quartz fiber
Operating voltage	24V DC
Operating power consumption	12-14W
Standby power consumption	5W
Software capability	Window7and XP