

FLUOROMETER

ALS-INS010



DESCRIPTION

- ALS-INS010 is a dual-channel durometer, it provides highly-sensitive fluorescent detection when quantifying nucleic acid proteins, simple and fast to operate Applications:
- The sample is scarce and different in processing.
- The low quantity of DNA, RNA, or protein after extraction.
- The sample will be used in the expensive experiments: qPCR, PCR cloning transfection, the next generation sequencing, etc.

KEY FEATURES

- Simple 4.3-inch touch screen small and easy to use.
- Easy measurement within 3 seconds for DNA, RNA, and protein.
- High sensitivity: Lowest DNA detection limit is 0.5pg/ul
- Two optical channels: Equipped with two fluorescence channels for nucleic acid, protein quantitation in one detection.
- Linear dynamic range: Five orders of magnitude.
- Opening system: You can match the instrument with the reagent you choose.
- It can save at most 1000 data and output data by USB port
- Adapter: 0.5ml qPCR tube adapter 0.2ml qPCR tube adapter

TECHNICAL SPECIFICATION

Light source	LED
Dynamic range 5 order of magnitude	5 order of magnitude
Linear dynamic range	R>0.995
Detector	Photodiode
Repeatability	<1.5%
Stability	<1.5%
Sensitivity	dsDNA:0.5ng/ml
Measurement speed	3s (once)
Dimension	194x155x72.5mm
Weight	0.4Kg