

RUO

StarLighter Fluorometer X1

StarLighter Fluorometer X1 is a compact device for quantitatively measuring DNA and RNA concentrations, requiring only 1-20 μL of sample to produce highly accurate results. Its high sensitivity, wide range, and rapid detection time make it an ideal tool for research laboratories.



Product Advantage



5 seconds

Measures sample concentration accurately within 5 seconds



1 ~ 20 μL

Requires only 1 to 20 μL of sample for accurate results



User-friendly

interface is designed to be visually clear and easy to use



High Sensitivity

High detection sensitivity, effective for low-concentration nucleic acid and protein quantification

| Performance | Parameter | Performance | Parameter |
|-------------------|----------------------|-----------------------|---|
| Sample Volume | 1 ~ 20 μL | Detection Range | dsDNA : 0.01 ~ 1000 ng/ μL RNA : 0.25 ~ 1000 ng/ μL |
| Detection Time | \leq 5 sec/sample | Sensitivity | dsDNA : 0.01 ng/ μL ssDNA : 0.05 ng/ μL RNA : 0.25 ng/ μL microRNA : 0.05 ng/ μL |
| Detection Device | SiPMT | Power Requirements | DC5V, 2A, 10W |
| Display Interface | 5-inch touch screen | Instrument Dimensions | 110*230*45.5 mm, 0.5 Kg |