

SMR16.1

Smart Microplate Reader



405nm: ELISA with substance of ABTS, pNPP , etc.
 450nm: ELISA with substance of TMB , etc.
 492nm: ELISA with substance of OPD , etc.
 562nm: BCA protein quantification
 630nm: Reference for dual wavelength detection
 520nm(Higher): Fluorescence detection of FITC, etc.
 The instrument can also be used for detection of other chromogenic reaction system.

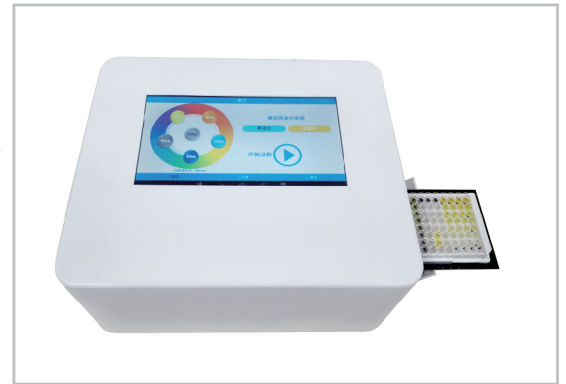
- **5 standard filters for single or double wavelength detection**
- **APP touching control**
- **Mobile data storage (WiFi, Bluetooth / Facebook, MSN, etc.)**
- **100000 tests for stability**

Technical parameters

[Resolution] 0.001 Abs (displayed), 0.0001 Abs (internal)	[User interface] touch screen
[Light source] tungsten halogen lamp	[Operating condition] Temperature 0 °C~40 °C, Humidity≤ 85%
[Detection channels] 8 detection channels with simultaneous or selective detection	[Storage condition] Temperature -10 °C~40 °C, Humidity≤ 85%
[Accepted sample type] 96-well microplate or strip	[Fuse] 3.15 A, 110~220 V
[Optical system] built-in filters with wavelength of 405/450/492/562/630 nm, with 3 filters for additional options	[Dimensions] 350 mm(L) ×300 mm(W) ×160 mm(H)
[Computer interface] USB	[Weight] 6.5 kg
[Spectral range] 340-1000nm	[Input Voltage] AC110~220 V, 50Hz/60 Hz
[Display] android tablet	[Power] consumption: 100 VA

Operation

Power on, the door opens, APP starts, enter into the wavelength selection interface. ▶



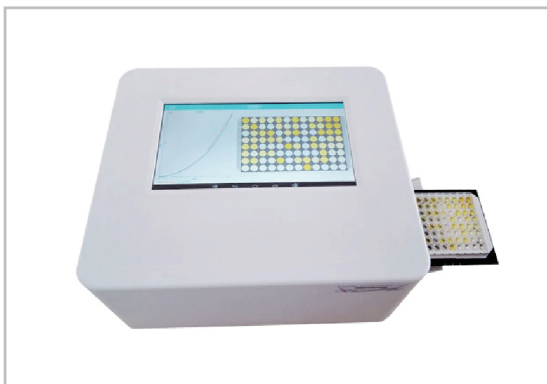
◀ Enter into the reading interface.

Data collection, displaying and analysis. ▶



◀ Choose the location of standards, setup parameters, start calculation and standard curve fitting.

One click for sample concentration. ▶



◀ Generate pictures automatically, one click sharing.



ELISA system data analysis software APP