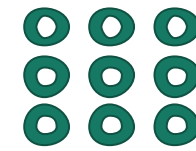


FLEX UV/Vis Elisa Microplate Reader 200 to 1000nm



Download
Catalogue



Double beam

Price - €



RT +2 to 45°C



Resolution touch screen

Intuitive user-friendly internal software on a 10 inch touch screen for quick measurements



ReaderIt-II Software

Easy and logical assays setup for demanding assays with the powerful PC software (ReaderIt-II), the PC software can offer to analysis, review, validate date



Double beam

Double beam optical system has the reference optical channel system



Liner shaking function for microplate

FLEX-200 is a UV/Vis microplate spectrophotometer offering free wavelength selection, so being an ideal tool for virtually any photometric research, such as DNA, RNA, protein analysis and more. FLEX-200 adopts the xenon flash lamp as a light source, which chooses the wavelength range from 200-1000 nm with a 1 nm step by grating monochromator for the full spectrum scanning.

The double beam optional system has the reference optional channel system, which makes the data more stabilization.

It can be used for spectral scanning, endpoint method, and kinetic detection.

Suitable for 96-well plates - 384-well plates and without lids. A broad wavelength range with the UV area, path length correction as well fast spectral scanning makes it ideal for any photometric research application, including DNA, RNA, and protein analysis.

FLEX-200 can be shaken and cultured in microplates and the culture temperature is up to 45 °C.

Touch screen and built-in graphic interface software with the android system make the operation easy.

It can be operated independently through the built-in software of the instrument, and also can be operated by the ReaderIt-II Software.

	FLEX-200
Display	10-inch touch screen
Light source	Xenon flash lamp
Wavelength range	200 - 1000 nm with 1 nm steps
Wavelength Accuracy	±2 nm
Repetition	±0.2 nm
Wavelength selection	Monochromator
Read-out range	0 - 4.0 OD
Half-bandwidth of filters	<2.5 nm
Detector	Two silicon photoelectric detector, one for measurement, another for reference
Linearity @450nm	0 - 2.5 Abs, ±2% (96 well plates)
Accuracy @450nm	1.0% + 0.003 Abs (0 - 2.0 Abs); 2.0% [2.0 - 2.5 Abs]
Precision @450nm	CV < 0.5% accurate mode; CV < 1.0% fast mode
Measurement Speed	6 seconds with 96-well plate
Plate shaking	Linear; three options for speed
Spectral Scanning Speed (200-1000 nm)	10 seconds with 96-well plate
Incubator	From ambient + 2°C to 45°C
UI	Integrated software or PC control software
Analysis software	ReaderIt-II
User interface	Touch screen, android system, 10 inch touch screen, external keyboard mouse
Storage	16G memory, more than 20,000 test records can be stored
Ports	3 USB ports, for PC, printer and USB-disk
Automated systems	Temporarily unable compatible with automated systems
Power supply	DC24V 6.5A
Dimensions (W×D×H)	300×500×290mm
Weight	15kg