

**UT-2100C, Microplate Reader**



UT-2100C

**Features:**

- Easy Windows operation system with touch screen or mouse, large LCD display.
- 8-channel optical fiber system enables 5 secs' reading for the whole plate.
- Bichromatic measurement. calculation modes including ABS, Cut-off, Curve, Linear-Log and Exponential regression.
- Large memory, up to 100 test protocols and 10,000 can be stored.
- Auto self-check when power on
- With lamp sleeping and wake-up function
- Random positive and negative control setting
- Multi-assay enables up to 12 different assays on one plate
- Plate shaking function
- Powerful QC function: Grubs, Westguard
- Multi-rule, Levey jennings plot (optional)
- Easy software upgrade by SO card, support USB mouse & keyboard
- Multiform result output including patient comprehensive report
- Ability to communicate with PC for data management(optional).

Model	UT-2100C
<b>Absorbance range</b>	0.000-4.000Abs
<b>Resolution</b>	0.001Abs (display), 0.0001Abs (calculation)
<b>Accuracy</b>	±0.1% or ±0.005Abs (calculation)
<b>Type of microplate</b>	Standard with 96-well or other kind of microplate & strip
<b>Wavelength</b>	405, 450, 492, 630nm, 4 more filters optional (from 400-700nm available on special order)
<b>Optic system</b>	8 channel optic fiber system
<b>Light source</b>	Halogen lamp
<b>Wavelength accuracy</b>	±1nm
<b>Band witch</b>	<8nm
<b>Calculation method</b>	ABS, Cut-off, single standard, curve, multi-percent, percent log, linear, exponential, power, 4PL regression
<b>Reading speed</b>	5 second for 96 well plate (single wavelength)
<b>Shaking plate</b>	Shaking time and speed adjustment
<b>Memory</b>	More than 100 programs, up to 100,000 test results
<b>Interface</b>	RS-232, USB, SD card interface
<b>Display</b>	6" LCD (with touch screen function)
<b>Input</b>	Touch panel or mouse
<b>Output</b>	External printer (optional)
<b>Power supply</b>	AC 110V-220V ±10%, 50/60Hz
<b>Net weight</b>	9kg
<b>Dimensions (mm)</b>	L460xW330xH200

**UT-6100, Auto Microplate Reader**



UT-6100

**Features:**

- PC controlled system, Windows XP.
- 8-channel optical fiber system enables 5 secs' reading for 96-well plate.
- Calculation modes include ABS, Cut-Off, Curve, Linear, Log, Exponential, Power and 4PL regression.
- Up to 12 different tests can be performed in one plate.
- Powerful laboratory management software, more than 100 programs and 100,000 results can be stored.
- Powerful QC programs including Westguard Multi-rule and Instant method, automatic alarm.
- Multiform test reports output.
- Lamp saving and plate shaking.
- Save data automatically when power off unexpectedly
- Compatible with all popular external printers
- Powerful internet connection enables remote data sharing and OS update
- Multi-language software available on request.

Model	UT-6100
<b>Absorbance Range</b>	0.000-4.000Abs
<b>Resolution</b>	0.001Abs (display), 0.0001Abs (calculation)
<b>Accuracy</b>	±0.5% or ±0.005Abs
<b>Type of Microplate</b>	Standard with 96-well or other kind of microplate & strip
<b>Wavelength</b>	405, 450, 492, 630nm, 4 more filters optional (from 400-700nm available on special order)
<b>Measurement range</b>	0.000-2.500Abs
<b>Optic System</b>	8-channel optic fiber system
<b>Light Source</b>	Halogen lamp
<b>Wavelengths</b>	405, 450, 492, 630nm, 4 more filters optional
<b>Wavelength Accuracy</b>	± 1nm
<b>Band width</b>	<8nm
<b>Methodologies</b>	End Point, fixed time, Kinetic
<b>Calculation Method</b>	ABS, Cut-Off, Single Standard, Curve, Multi-Percent, Percent Log, Linear, Exponential, Power, 4PL Regression
<b>Reading Speed</b>	5 seconds for 96 well plate (single wavelength)
<b>Shaking Plate</b>	Shaking time and speed adjustable
<b>Operation</b>	PC operation, bidirectional communications
<b>Memory</b>	More than 100 programs, up to 100,000 test results
<b>Printer</b>	All printers compatible with Windows
<b>Interface</b>	RS-232, USB
<b>Power supply</b>	AC 110V - 240V ± 10%, 50-60Hz
<b>Net Weight</b>	7KG
<b>Dimensions (mm)</b>	L454xW295xH146