



TRDINA40 Elisa Microplate Reader

Download
Catalogue



Ambient temperature operating mode +4 to 30°C up to 80% RH



Long-life LED lamps offer longer maintenance-free



Easy to operate via PC with professional software



Equipped with 405nm, 450nm, 492nm, 630nm

- TRDINA-40 is a microplate spectrophotometer from 340-750 nm with a 1 nm step by grating monochromator for the full spectrum scanning.
- Detection Mode – Absorbance
- Halogen light source
- Suitable for 96-well plates - 384-well plates and without lids.
- Measuring mode – endpoint, kinetic and multi label measurement
- Up to eight measuring channel
- Ambient temperature working mode perform operation in cold room, incubators and stanradr laboratory conditions
- Port: 3 USB ports, for PC, standard printer and USB-disk
- More than 10 kinds of algorithm can meet various assays
- Single or dual wavelength measurements

	TRDINA40
Light source	Quartz Halogen light source
Wavelength range	400 - 720 nm with 1 nm steps
Wavelength Accuracy	±2 nm
Absorbance repeatability	(0.3Abs) CV <0.3% (3.4Abs) CV <1%
Absorbance stability	<0.005ABS (0.3Abs) <2.0% (3.4Abs)
Absorbance accuracy	<±0.005Abs (0.2Abs) <±0.01Abs (2.3Abs) <± 1.5% (3.4ABS)
Sensitivity / detector	0.01A/photodiode
Wavelength selection	Monochromator
Read-out range	0 - 4.0 OD
Half-bandwidth of filters	<2.5 nm
Detector	Silicon photoelectric detector
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% faste mode
Measurement Speed	6 seconds with 96-well plate
Filter	8-position filter wheel, standard 4 filters: 405nm, 450nm, 492nm, 620nm, other filters are optional
Software	Integrated software
User interface	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	AC100-240V 50/60Hz 2A
Dimensions (WxDxH)	300x400x180mm
Weight	10kg

Please note

If this Elisa Reader does not match the specific needs of your application, or some options are not listed for sale, please feel free to contact us. Our manufacturing engineers will come up with technical solutions to meet your needs. We reserve the right to change technical specifications at any time.

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