

Labrox upgradable single mode instrument (ABS/LUM/FL/FP/TRF/Upcon)

Reader configuration options

Detection mode options	Absorbance, Luminescence, Fluorescence, Time Resolved Fluorescence, Fluorescence Polarization, Upconverting nanoparticles
Reading mode options	Top / Bottom
Measurement modes options	Endpoint / Kinetic/ Well scan
Excitation light source options	Xenon Flash lamp / IR laser (976 nm)
Detector options	PMT, Absorbance spectrometer (full scan 1s)
Wavelength range options	
ABS	230 – 1000 nm, Spectrometric scanning
LUM	230 – 850 nm
FL	230 – 850 nm
TRF	230 – 850 nm
FP	400 – 850 nm
Upcon	230 – 850 nm
Plate types	96 – 1536 well plate
Z-focus	0 – 16 mm
Temperature control option	Ambient + 3°C to 65°C
Shaking mode options	Linear / Orbital / Double orbital
Dynamic filter storage carousel with capacity to hold up to 32 optical filters. Ø 12.5 ↔ 15 mm	
Dichroic mirror slide with capacity to hold up to 5 dichroic mirrors	
For filters & mirror package options please contact Labrox sales	
Labrox reader user interface program is loaded into the instrument and can be accessed with any computer that has an internet browser.	
Instrument connection	Ethernet
Delivery does not include PC.	
Dimensions	202 x 268 x 495mm/ 7.9 "x 10.6"x 19.5 " (WxHxD)
Maximum weight	13 kg/ 29 lbs
Mains Voltage	110 – 230 V, 50 / 60 Hz

Labrox upgradable plate readers offer the option of later upgrading the unit with any of the detections modes Labrox offers. I.e. ABS, LUM, FL, FP or Upcon

