



## Preemie Scanner

### Product Specifications

Weight	300 g
Cuvette Well	12.5 x 12.5 x 35 mm
Analytical Method	Near-infrared transmissive spectroscopy
Wavelength Range	1350 nm to 2150 nm
Resolution (FWHM)	10 nm
Illumination Source	One integrated tungsten halogen lamp, 0.7 W
SNR	> 5000:1 for 1-second scan
Monochromator	Plane grating and TI DMD DLP2010NIR, 854×480 pixels
Detector	Single element 1 mm InGaAs detector, uncooled
Scan Pattern	256 equally-spaced columns
Total Scan Time	6 sec
Connectivity	Bluetooth Low Energy (wireless)
Preemie App	iOS, Android, with Internet connection
Power	USB (500 mA @ 5 V) to charge integrated Li-ion battery
Ambient Temperature, operating	+10°C to +40°C
Ambient Humidity, operating	10 % to 80 % relative humidity, non-condensing