

# Device Specifications

## ULTRA-COMPACT OXYGEN METER PICO2

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For sensor specifications and response times, please refer to the webpages of the different sensor types.

Specifications	
<b>Weight</b>	20 g
<b>Dimensions (WxDxH)</b>	54 x 15.5 x 15.5 mm
<b>Oxygen sensor connector</b>	Screw clamp for fibers with 3mm outer diameter
<b>Optical oxygen sensor port</b>	1 for optical oxygen sensors/fibers with PICO2-connector
<b>Compatible optical oxygen sensors</b>	Contactless oxygen sensors with optical fiber with PICO2-connector, robust oxygen probe OPROB3, dipping probe OPDIP20
<b>Temperature port</b>	None; only for oxygen measurements at fixed temperatures
<b>Measuring Principle</b>	Lifetime detection of REDFLASH luminescence via fiber-optics
<b>Excitation Wavelength</b>	620 nm (orange-red)
<b>Emission Wavelength</b>	760 nm (NIR)
<b>Max. sampling rate</b>	20 samples per seconds
<b>Logging Software</b>	Oxygen Logger (free download)
<b>System requirements</b>	USB, Windows 7/8/10, min 700 MB disk space
<b>Power supply</b>	Max. 10mA at 5VDC from USB (typ. 3-5mA)
<b>Operating / storage temperature</b>	0-50°C / -10-60°C
<b>Max rel. humidity</b>	Non-condensing conditions