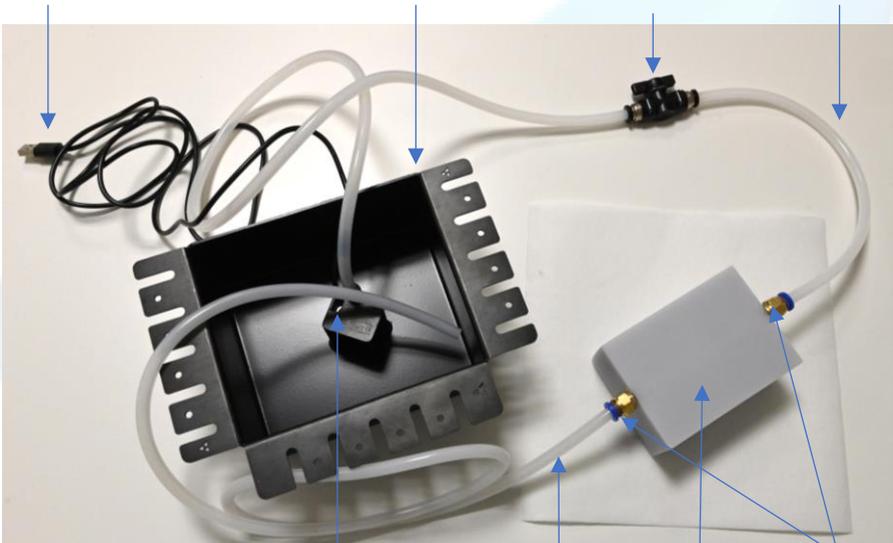


BioPixS Liquid Dynamic Phantom is a complete solution specifically designed to assess the depth, absorption, and resolution sensitivity of a device. Developed by the biomedical optics community, which includes leading experts in Near-Infrared Spectroscopy, its purpose is to provide a performance assessment of the system in terms of depth, absorption sensitivity, and spatial resolution.



Shop Online

USB connector Liquid Phantom Tank Flow control valve Inlet tubes



Submersible pump Outlet tube Flow phantom Push-in connectors

Specifications:

Main block dimension: 110 x 70 x 50 mm (length x width x height) (configurable)

Blood vessel depth: 5 mm (configurable)

Blood vessel size: 2-3 mm (configurable)

Main block, slider optical properties @780 nm:

Absorption (μ_a) – 0.2 cm⁻¹

Reduced scattering (μ_s') – 10 cm⁻¹

** multiple depth and spatially distributed vessels are possible for depth and spatial resolution test.*

Lead time: 3-4 weeks (customized 6-8 weeks)

For more specification, visit our products page <https://biopixstandards.com/products/>