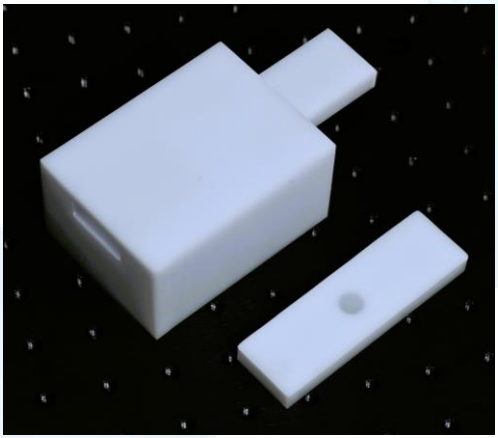
BioPixS dynamic phantom

BioPixS™
BioPhotonics Phantom Tools

BioPixS Dynamic Phantom is a customized product 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.



Specifications:

Main block dimension: *110 x 70 x 50 mm (length x width x height) (configurable)*
Slider dimension*: *140 x 30 x 10.5 mm (length x width x height) (configurable)*
Inclusion dimension: *cylinder (10 x 10 mm, diameter x height)*
Slider/Inclusion depth from surface: *5 mm (configurable)*
Main block, slider optical properties @780 nm:
Absorption (μ_a) – 0.2 cm^{-1}
Reduced scattering (μ_s') – 10 cm^{-1}
Inclusion optical properties: *μ_a - 0.05 - 0.4 cm^{-1} (configurable)*
μ_s' - 10 cm^{-1} (configurable)

** multiple depth and spatially distributed inclusions in a single slider are possible for depth and spatial resolution test.*

Lead time: ***3-4 weeks***

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

For more customization arrange call with our engineers at info@biopixstandards.com

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Arrange call with our engineers to discuss your specific needs:
info@biopixstandards.com
https://biopixstandards.com/

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