

Feature	Off-the-Shelf Homogeneous Phantoms	Customized Homogeneous Phantoms
Availability	Ships in 1–2 weeks	Typical lead time of several weeks
Optical Properties	Predefined (μ_a & μ_s' at ≥ 2 wavelengths)	Set by customer at a specific design wavelength
Geometry	Fixed per available model	Custom (cube, cylinder, parallelepiped, complex)
Customization	✗ Not available	✓ Full customization (geometry + optical properties)
Cost	Lower	Higher (depends on specs)
Use Case	Ideal for entry-level users, fast delivery, and budget-limited setups	Ideal for research-grade validation and specialized needs
Extended Wavelength Characterization	Optional (for thicker models, as paid service)	Optional at time of order (design wavelength + extras)