portable.

Femtosecond laser fiber-delivered to your device

FemtoFiber smart 780 PT

Femtosecond fiber laser for 2-photon imaging solution

- 2 m fiber delivery to your (handheld) device
- Low volume, low weight, low power consumption (battery-ready)
- True OEM system, well-proven and turn-key
- Cost-effective

learn more...

TOPTICA

www.toptica.com/portable

FemtoFiber smart 780 PT

DANGER – AVOID EXPOSING EYES AND SKIN TO THE LASER BEAM, INCLUDING ANY STRAY LASER LIGHT. CLASS 3B LASER PRODUCT, EN 60825-1:2014

Specifications	
Laser specifications	
Center wavelength	780 ± 10 nm
Average power	> 40 mW (typ. 50 mW)
Repetition rate	100 ± 1 MHz
Pulse duration	< 80 fs (typ. 70 fs)
Beam shape	TEM_{00}, M^2 < 1.2
Fiber delivery	Fiber pigtail with metal shield tubing non-detachable from laser module > 2 m long FC/APC connector
SHG module	miniaturized SHG module detachable with FC/APC socket
PC interface	USB
Environmental conditions	
Operating temperature range	15 .. 40 °C
Storage and transport	0 .. 40 °C
Environment humidity	non-condensing
Power supply requirements	
Voltage	12 V DC
Power consumption	< 20 W
Dimensions (H x W x D)	
Laser module	50 x 135 x 194 mm^3
SHG module	20 x 20 x 80 mm^3
Weight	< 2.2 kg (SHG < 100 g)