



# STAR TECH INSTRUMENTS, INC.

## XR-SERIES UV-TO-SOFT X-RAY PROBES<sup>(1)</sup>



Star Tech Instruments' miniature probe for sources from 1 nm to 400 nm is small, yet it has high responsivity (typically over 100,000 Volts/Joule) and has unsurpassed long term stability. (XR-16 shown in photo)

### SPECIFICATIONS

Responsivity	up to 2,000,000 Volts/Joule
Dynamic range	1 nJ to 50 mJ
Maximum repetition rate	Type C- 30 KHz Type G- 1.5 MHz Type R- 200 Hz
Maximum average power	10 Watts/cm <sup>2</sup>
Spectral bandwidth	Type C- 150 nm - 220 nm Type G- 1 nm - 400 nm Type R- 150 nm - 400 nm
Size	XR-16- 16 mm clear aperture O.D. 22.0 mm x 7 mm thick  XR-20- 20 mm clear aperture O.D. 28.6 mm x 7 mm thick  XR-25- 25 mm clear aperture 25 mm: O.D. 33.0 mm x 7 mm thick
Output	BNC male

(1) Protected by one or more U.S. Patents.