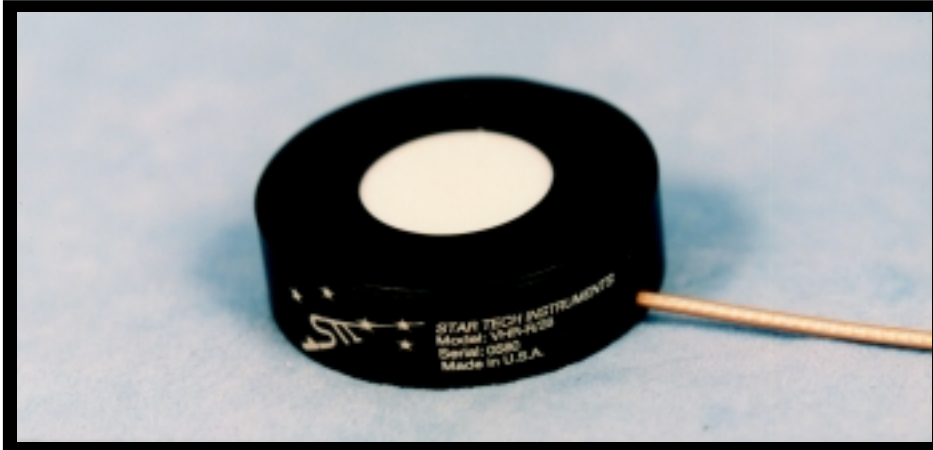




**STAR TECH INSTRUMENTS, INC.**

## VHR-28 Series<sup>(1)</sup>



The VHR-28 is a 28 mm diam. clear aperture energy probe for use with 1 nm through 400 nm ultraviolet sources. It has a fast response time that is independent of the aperture size and its responsivity is extremely stable, with no measurable change even after millions of pulses. Other model VHR series energy probes are available in aperture diameters up to 100 mm, insertion losses less than 5% at 193 nm.

### SPECIFICATIONS

Responsivity	up to 50000 Volts/Joule
Dynamic range	1 nJ to 500 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	60 mm diam X 16 mm thick
Clear Aperture	28 mm diam.
Output	BNC male

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

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