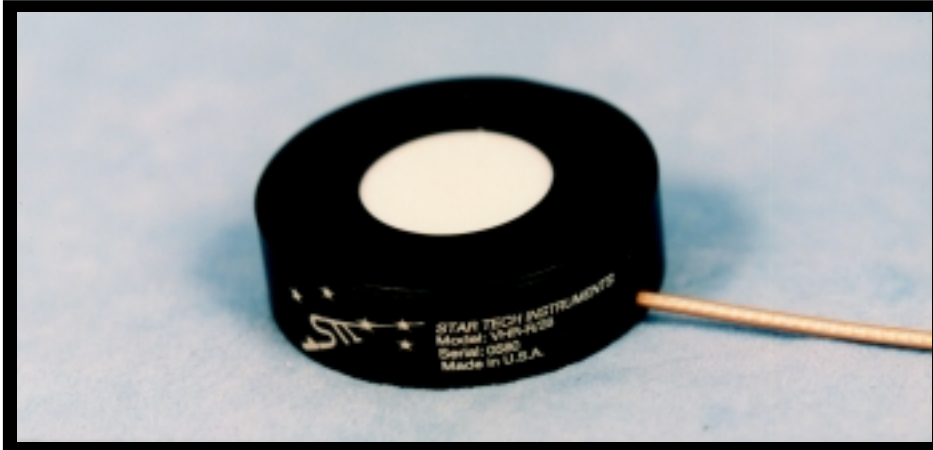




STAR TECH INSTRUMENTS, INC.

VHR-28 Series⁽¹⁾



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 ² |
| 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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