

optical ripple and improved optical design.

Low operating costs are ensured by the reliability of operation and ruggedness of construction. Further, the advanced optical design results in improved light gathering properties thereby permitting the use of lower wattage (less expensive) bulbs to obtain greater optical energy.

PRA power supplies can run a variety of sizes and types of arc lamps and unlike many competitive models have been specifically designed and built for this application.

### HELIUM-NEON LASERS

Helium-Neon lasers have the greatest usage of all laser types in applications ranging from student teaching, to precision alignment of heavy construction equipment.

PRA offers a complete line of helium-neon lasers including plasma tubes, tubes in precision aligned housings, power supplies, and packaged laboratory lasers.

PRA hard seal laser tubes are manufactured and tested according to exacting standards, in 1, 2 or 5 mW versions, random or polarized.

All lasers incorporate a complete package of safety

features including beam shutter, key lock switch, time delay, emission indicator light, and remote connector.

As with all PRA products, reliability is a central design point and PRA Helium-Neon lasers deliver years of trouble-free operation.

### PHOTON COUNTING ELECTRONICS

Photon Counting is a digital technique for measuring low light levels such as those encountered in low yield fluorescence experiments or astronomical measurements.

It is superior in sensitivity and stability to conventional direct current (analog) methods and ideally suited for computer data processing.

The PRA photon counting equipment is of the fast, high resolution, low noise modular NIM standard type. The PRA system has a wide selection of gain settings, digital to analog output conversion and computer compatibility - all at a very competitive price. PRA photon counting electronics were designed with the user in mind.

In many cases a single PRA unit offers features and capabilities that can be matched only by combining several competitive units.

