IR628 红外光敏管自动测试仪
IR628 infrared phototube automatic tester

- IR628 红外光敏管自动测试仪用于测试光敏管的绝对光电灵敏度、接收角度，并可以绘制不同角度下的相对灵敏度分布曲线；

IR628 infrared photosensitive tube automatic tester is used to test the absolute photoelectric sensitivity and receiving angle of the photosensitive tube, and can draw the relative sensitivity distribution curve under different angles;



特点与优势 Characteristics and advantage

- 光敏接收管绕着发射管在离发射管一定距离的球面上作圆周运动，在运动过程中测试光敏管的光电流特点：
  The photosensitive receiving tube circularly moves around the transmitting tube on the spherical surface at a certain distance from the transmitting tube. During the movement, the photocurrent characteristics of the photosensitive tube are tested:
- 1)采用精密LED机械定位装置和一体化设计中心对准系统，测量准确度高；
  1) The precision LED mechanical positioning device and the integrated design center alignment system are adopted, with high measurement accuracy;
- 2)扫描间隔多档可选，可满足不同准确度的测量需求；
  2) Multiple scanning intervals can be selected to meet the measurement requirements of different accuracy;
- 3)采用恒流源给发射管供电，并由微电脑通过D/A自动调节，准确度高。
  3) Constant current source is used to supply power to the transmitting tube, which is automatically adjusted by microcomputer through D/A, with high accuracy.

技术参数 Specifications

- 1）光敏管供电电压：0V-10V
  1) Phototube supply voltage: 0V-10V
- 2）光电流测试范围：200nA-20mA,四档十倍量
  2) Photocurrent test range: 200nA-20mA, 10 times of the fourth gear
- 3）转台扫描范围：±10°-±90°可选；
  3) Scanning range of rotary table: ± 10 ° - ± 90 ° optional;
- 4）转台转角精度：0.05°
  4) Turntable angle accuracy: 0.05 °
- 5）程控恒流源输出范围：0.1mA～2000mA
  5) Output range of programmable constant current source: 0.1mA ～ 2000mA
- 6）正向电流测量范围：0.10mA～99.99mA～2000.0mA
  6) Measuring range of forward current: 0.10mA ～ 99.99mA ～ 2000.0mA