

Over 5000 VXI cards and mainframes in stock. 1000's of pieces of Test Equipment in stock.



Looking for Test Equipment?  
Visit us on the web at  
[www.recycledequipment.com](http://www.recycledequipment.com)

Recycled Equipment buys, sells, and repairs VXI cards, VXI mainframes and Test Equipment. We have tens of thousands of pieces of Electronic Test Equipment and one of the worlds largest selections of VXI cards. We have VXI cards by almost every manufacture; from Agilent to Ziatech. **Every item on our website is IN STOCK and ready to ship with in 24 hours.**

### **Sell your equipment for cash**

Recycled Equipment is interested in buying your surplus equipment! Call us today at **(410)685-1997** or email to **recycled@usimperio.com**

### **Sell your equipment on consignment**

Recycled Equipment can sell your equipment on consignment. This allows you to get retail prices for your equipment with out the hassle.

**(410)685-1997 sales@recycledequipment www.recycledequipment.com**

## **LumaColor™ Photometer System**

- Real-time Color Measurements
- Ten Memories for Storing Reference Colors (with J1810 color head)
- RGB Bar Graphs
- D6500 Kelvin Calibration
- Color Temperature Measurement
- Full Control of Measurements and Output of Results (RS-232)
- Analog Output

### **Features**

- Interchangeable pre-calibrated heads
- Accurate spectral and cosine corrections
- Metric and English units user selectable
- Large LCD with backlight
- Rugged
- Handheld
- Adaptable to many light measurement needs
- Battery operated

### **Applications**

- Automobile lighting
- Aircraft lighting
- Computer and television manufacturing and service
- Medical lighting
- Commercial and industrial lighting
- Photographic equipment manufacturing

**The J18 system consists of a J18 handheld meter and one of several interchangeable heads (list below) which connect directly to the J18.**

#### **J1803 Luminance Head**

- Video and projection screens
- Surface reflectance
- Computer displays

**J1805 Head for LEDs** - Output of red, yellow, green and blue LEDs

**J1806 Radiance/Radiant Intensity Head** - Display color balance

#### **J1810 Chromaticity Head**

- Measurement of Chromaticity and White Balance of color monitors
- Color Temperature of Light Sources

#### **J1811 Illuminance Head**

- Highway illumination
- Luminaries and lamps
- Workstation illumination
- Lighting for safety

## J1812 Irradiance Head

- Laser experiments
- Infrared LED testing

### Characteristics

	<b>J1803</b>	<b>J1805</b>	<b>J1806</b>	<b>J1810</b>	<b>J1811</b>	<b>J1812</b>
<b>Measurement</b>	Luminance	Luminance Intensity	Radiant Intensity	Chromaticity, Luminance	Illuminance	Irradiance
<b>Applications</b>	Displays, Television, Medical	LEDs	Displays, Television	Displays, Television	Highway lighting, Office lighting, Transportation	Lasers, IR LEDs, Research
<b>Ranges</b>	0.3 to 300,000 candelas/m <sup>2</sup> (Nit)	0.01 millicandelas to 10 candelas	0.001 to 200 W/m <sup>2</sup> /sr	0.001 to 0.999 x, y and u', v' 0.3 to 1,000 candelas/m <sup>2</sup> (Nit) 0.1 to 300 footlamberts	0.01 to 5,000 lux (lm/m <sup>2</sup> ) 0.01 to 500 footcandles	0.001 to 2,000 mW/m <sup>2</sup> 0.1 nW to 0.2 mW
<b>Spectral Response</b>	CIE Photopic	CIE Photopic	Flat	CIE Tristimulus	CIE Photopic	Flat
<b>Spectral Accuracy</b>	f <sub>1</sub> ' = <3% (DIN Class A)	f <sub>1</sub> ' = <3% (DIN Class A)	±8% 450 to 750 nm	f <sub>1</sub> ' = <3% (DIN Class A)	f <sub>1</sub> ' = <3% (DIN Class A)	±8% 450 to 950 nm
<b>Acceptance Angle</b>	8°	8°	8°	16°	180° (Cosine)	96° (Approx.)
<b>Other Features</b>	Suction cup	LED adapters	Suction cup	Suction cup	Level and cover	Cover