



## CHROMA METER CR-121

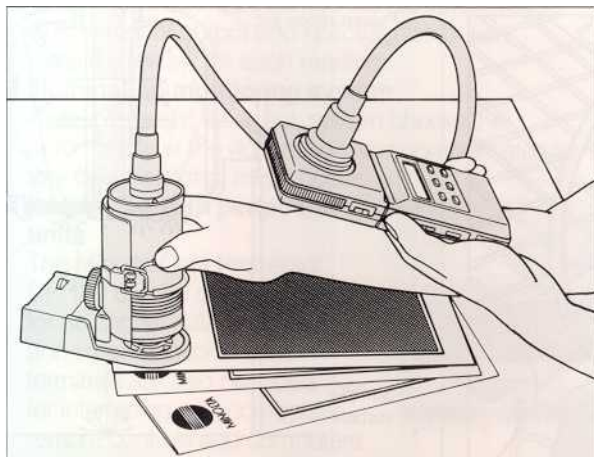
*The CR-121's illuminating system, using 45/0 geometry, is identical to that used by densitometers in the printing industry, allowing users to measure color from printed matter and other glossy surfaces. In addition, its 3mm diameter measuring area enables precise targeting for spot color readings.*

### Main features

- Precise readings with high repeatability
- Lightweight and battery powered
- Readings displayed in Yxy or L\*a\*b\* color space
- Built-in memory for measuring color difference
- Choice of calibration standards
- Choice of two illuminants
- Efficient, consistent illumination
- Illumination monitoring system
- Interfacing with peripheral units



Minolta Data Processor  
DP-100



### Applications

- **Manufacturing:**  
Color control of painted and coated surfaces
- **Printing:**  
Control of color density, ink characteristics, etc.

### Illuminating system

Light from the pulsed xenon arc lamp is diffused in the mixing chamber and projected onto the sample at a controlled angle of 45°. The light reflected vertically from the sample is collected by the optical cable and sent to the silicon photocells for color evaluation. Specularly reflected light is blocked from reaching the optical cable, enabling more accurate measurement of glossy surfaces.

