



## SYSTEM 500

### MODULAR DARKROOM INSTRUMENTATION

MC509MW - Integrated Digital Exposure  
Meter and Timer

LD517 - Digital Transmission Densitometer

CA526 - Digital Spot Color Analyzer

CA516 - Digital Integrated Color Analyzer

NT500 - Optional Power Supply



# LABEX-Wallner System 500

Permits every possible combination of darkroom exposure needs to be met economically.

## FEATURES

- All digital readouts
- Black body sensors - insensitive to off-axis safelights
- Microprocessor controlled, quartz accuracy timing
- Supplied with complete user instructions and calibration step wedges
- Affordable professional quality
- 1 year warranty

## TECHNICAL SPECIFICATIONS

**MC509MW** — Integrated Digital Exposure Meter and Timer - the basic unit of the SYSTEM 500. In addition to its functions as an exposure meter and timer, it also serves as a power supply for the other SYSTEM 500 modules. As a stand alone instrument it permits the printer to determine both monochrome and color exposures and control the exposure light source automatically.

Measurement Aperture .....	4mm
Time Range .....	0.1 to 300 sec
Automatic Spot Averaging .....	up to 9 spots
Paper Speed Memories .....	1000

Supplied with calibration density wedges

**LD517** — Digital Transmission Densitometer - permits direct reading of transmission density and density ratios projected on the enlarging easel and allows the printer to select the grade of paper necessary to achieve any desired tonal separation. May be combined with the NT500 Power Supply as an economical stand alone transmission densitometer.

Measurement Aperture .....	4mm
Density Range .....	-4.0 to +4.0 density units
Resolution .....	0.01
Zero Set .....	pushbutton

Supplied with calibration density wedges

**CA526** — Digital Spot Color Analyzer - permits direct determination of the proper filter pack necessary to produce the color tones desired through spot readings made of a reference color. Combined with the **MC509W**, it allows complete control of color saturation and automatic control of exposure timing.

Measurement Aperture .....	5mm
Cosine Correction .....	+/-30 deg all directions
Filter Range .....	-199 to +199
Memory .....	plug in modules (unlimited)

**CA516** — Digital Integrated Color Analyzer - permits direct determination of the proper filter pack necessary to produce the color tones desired through integrated readings of a diffused projected image, allowing for correction of dominant colors. Combined with the **MC509MW** it allows complete control of color saturation and automatic control of exposure timing.

Measurement Aperture .....	12mm
Cosine Correction .....	+/-30 deg all directions
Filter Range .....	-199 to +199
Memory .....	plug in modules (unlimited)

**NT500** — Power Supply - an alternative power supply used with the SYSTEM 500 Color Analyzers and Transmission Densitometer when they are not coupled to the **MC509MW** Exposure Meter-Timer.

**LABEX**  
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**TO ORDER**  
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