

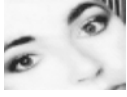


# ***RM-4 Table-Top Scanner***

## ***THE ULTIMATE IN COST PERFORMANCE***



- Manual roll film & individual frame scanning
- Consistent, high geometric accuracy
- 12-bit radiometric resolution (4096 gray levels)
- One pass color scanning
- High optical resolution of 8  $\mu\text{m}$
- Scan resolutions 8,12,16,20,24,32  $\mu\text{m}$
- Easy setups for more efficient workflow
- Radiometric calibration of light source
- Negative or positive scanning modes
- Optional pyramid building
- Histogram analysis and manipulation
- Resample images to any pixel size
- Cool LED illumination system
- Unsurpassed dynamic range of 2.8D
- User defined area scanning
- Merge/split color channels from/into separate files



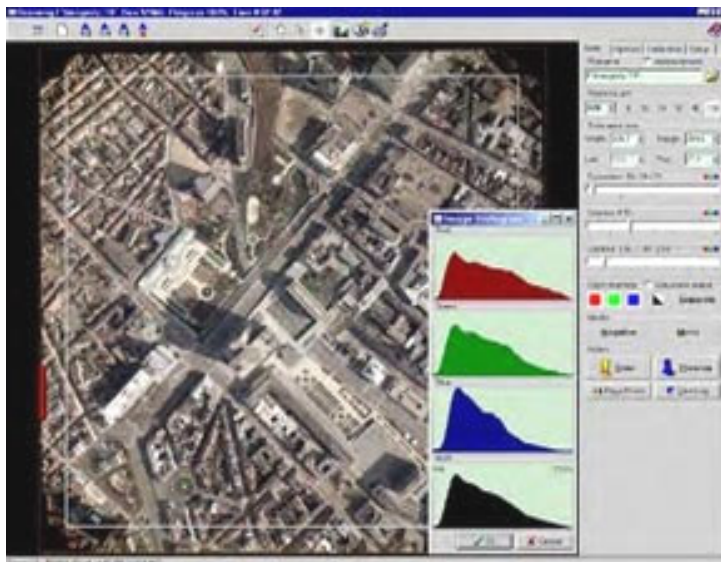
## ***RM-4 Table-Top Scanner***

<b>Technical Data</b>	
<b>Resolution</b>	8µms optical (3175 ppi) 12,16,20,24,32 µm in real time by binning
<b>Media</b>	Roll Film or Cut Sheet Positive or Negative B/W or Color transparency
<b>Geometric Accuracy</b>	±3µms RMSE <i>without resampling image data</i>
<b>Geometric Precision</b>	1µm resolution
<b>Radiometry</b>	12 bits/channel
<b>Optical Density</b>	0 to 3.4D
<b>Dynamic Range</b>	2.8D
<b>Illumination</b>	Computer controlled LED
<b>Sensor</b>	Tri-linear CCD, Sony 5300
<b>Scanning Range</b>	260x260mm
<b>Image Format</b>	Tiled TIFF, Strip TIFF Tiled TIFF JPEG
<b>Operating System</b>	Windows 2000™
<b>Dimensions</b>	90x46x70 cm
<b>Weight</b>	95 Kg.

<b>Mode</b>	<b>Pixel Size</b>	<b>Time</b>
B/W	8 µms	12 minutes
B/W	12 µms	8 minutes
B/W	16 µms	7 minutes
B/W	24 µms	6 minutes

<b>Mode</b>	<b>Pixel Size</b>	<b>Time</b>
Color	8 µms	35 minutes
Color	12 µms	22 minutes
Color	16 µms	16 minutes
Color	24 µms	13 minutes

- **Cost Effective**
- **Reliable Work Horse**
- **Production Oriented**
- **Superb Geometry and Radiometry**
- **Negative or Diapositive Scanning**
- **Roll Film or Individual Frames**
- **Simple User Interface**



**RM-4 Main Software Menu**

### **OUR MISSION**

*Wehrli & Associates* offers the highest quality photoscanners at the lowest cost. This allows our customers the ability to earn a quick and fair return on the their investment. We strive to provide prompt service by well informed engineers