

## Project Evaluation of ROI and Scanning-Efficiency

### Comparison: 1 x KODAK i840 vs. 1 x Agfa S61

		Kodak i840	Agfa S61	Key Difference
<b>Scanner:</b>	Scanner	\$ 85,000.00	\$ 89,900.00	
<b>Scan-Software</b>	J&K DpuScan	\$ 9,500.00	\$ 7,198.00	
	<b>Total Investment:</b>	<b>\$ 94,500.00</b>	<b>\$ 97,098.00</b>	<b>2,598</b>
<b>Please set your numbers below</b>				
<b>Parameters:</b>	Amortization of the Scanner in years	1.00	1.00	
	Annual scanner maintenance cost	\$ 9,000.00	\$ 8,900.00	(100)
	Internal interest rate	14%	14%	
	<b>Rated Scanner Speed in Page/minute</b>	<b>160</b>	<b>240</b>	<b>80</b>
	Rated SW Support Speed in ppm	160	240	(80)
	Required footage in square foot	12	16	4
	Space/Utility cost as Square foot price/year	\$ 16.00	\$ 16.00	
	Average market price per scanned Image	\$ 0.10	\$ 0.10	
	Average utilization of scanner capacity in %	60%	75%	15%
	Length of one shift in hours	8.00	8.00	
	Number of shifts per day	1.00	1.00	
	Number of working-days/year	280	280	
	Labor cost per hour incl. Supervisor	\$ 14.00	\$ 14.00	
	% of social security and benefits	21%	21%	
	Utilization of Scanner operator	100%	100%	0%
<b>Results</b>				
<b>Labor Cost</b>	Operator-Cost per year	\$ 37,945.60	\$ 37,945.60	
<b>Facility Cost</b>	Space and Utility	\$ 192.00	\$ 256.00	
<b>Equipment Cost</b>	per year	\$ 110,115.00	\$ 112,794.86	<b>\$ 2,679.86</b>
<b>Total Costs</b>	<b>Scanning Cost per Year</b>	<b>\$ 148,060.60</b>	<b>\$ 150,740.46</b>	<b>\$ 2,679.86</b>
	Scanning Cost per Amortization Time	\$ 148,060.60	\$ 150,740.46	
<b>Potential Scans</b>	per year	12,902,400	24,192,000	
	per Amortization time frame	12,902,400	24,192,000	<b>11,289,600</b>
<b>Amortization</b>	<b>Cost per Scan</b>	\$ 0.0115	<b>\$ 0.0062</b>	
<b>Key results for</b>	<b>Profit during time of amortization</b>	<b>\$ 1,142,179.40</b>	<b>\$ 2,268,459.54</b>	<b>\$ 1,126,280.14</b>
	<b>Profit I per day</b>	<b>\$ 4,079.212</b>	<b>\$ 8,101.641</b>	<b>\$ 4,022.43</b>
	<b>Days of Scan to pay annual cost</b>	<b>36.30</b>	<b>18.61</b>	<b>(17.69)</b>
	<b>ROI Return on Invest</b>	<b>771%</b>	<b>1505%</b>	<b>733%</b>

**Comment:** The Agfa S61 is a Bitonal Scanner Only!!

**Please note:**

Numbers and concept of calculation may vary to:  
different projects, operations and organizations!!