

## VSCAN NDT PRO vs Microtek NDT-2000 Comparison

August, 2023

Parameter	Optical Density	Pixel Resolution	VSCAN NDT PRO	Microtek NDT-2000
Grayscale Values			65,536	65,536
Scanning Time	0.0-3.5	600 dpi*	1 min 46 sec	2 min 45 sec
	3.5-4.0	600 dpi	1 min 46 sec	6 min 22 sec
	4.0-4.5	600 dpi	56 min	22 min
Basic Spatial Resolution	0.0-3.5	600 dpi	70 $\mu$ m	70 $\mu$ m**
	3.5-4.5	600 dpi	70 $\mu$ m	85 $\mu$ m**
	0.0-4.5	1,200 dpi	N/A	70 $\mu$ m**
ISO 14096 Compliance	0.0-4.0		BAM verified	BAM verified
	4.0-4.5		Verified***	BAM verified

\* The nearest pixel resolution to 600 dpi provided by VSCAN NDT PRO is 570 dpi

\*\* The highest value of vertical and horizontal BSR values (Microtek NDT-2000 provides different ones)

\*\*\* By manufacturer