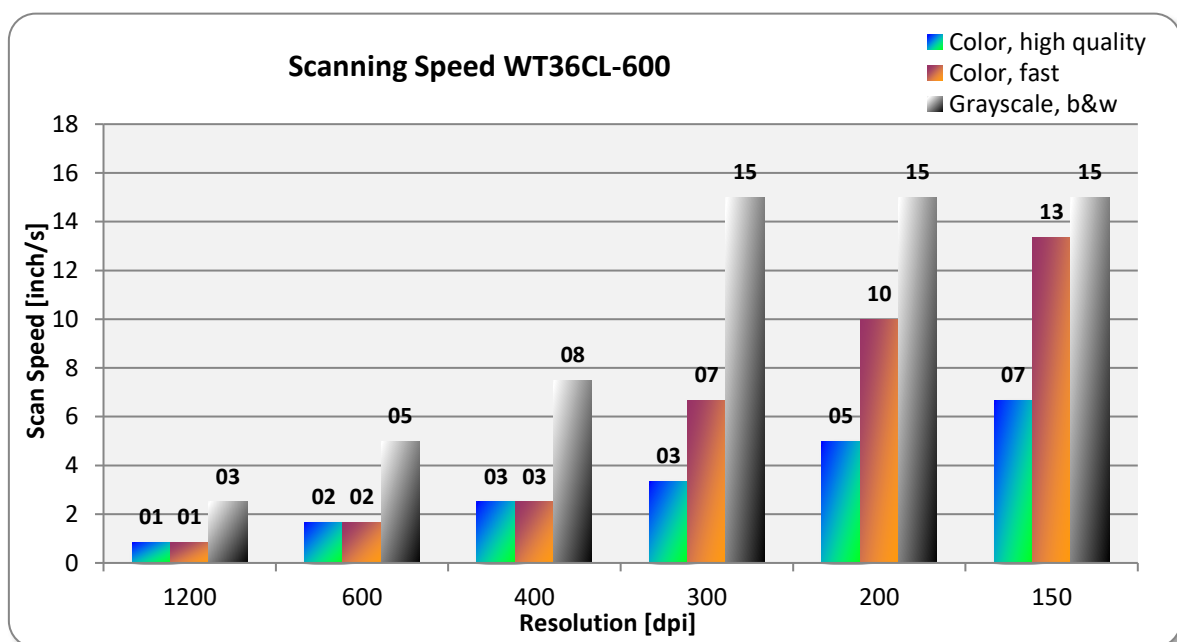


# WideTEK® 36CL



## Scanning Speed

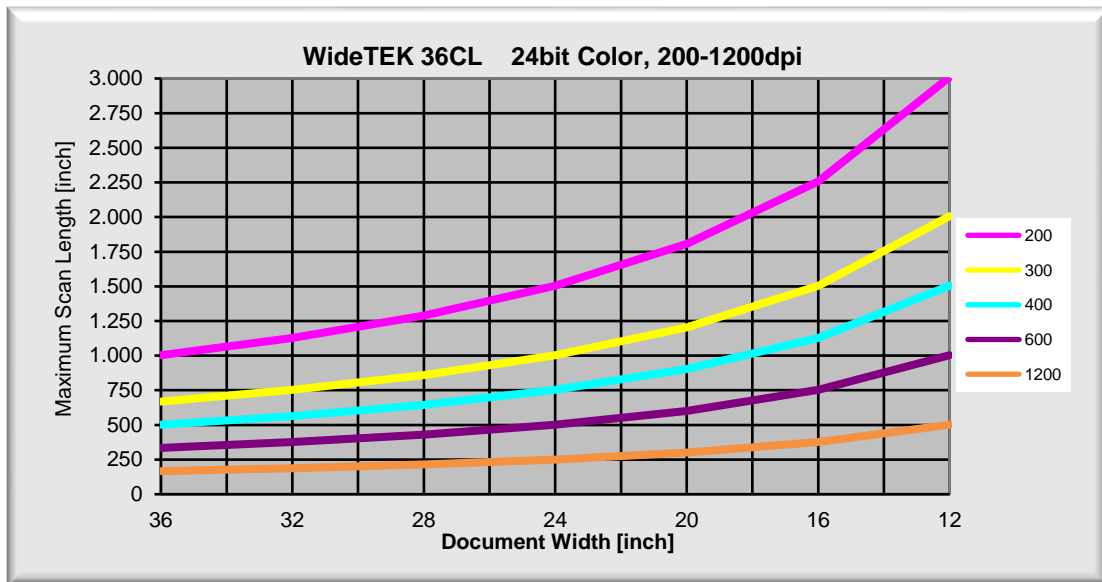
The scanning speed depends on the settings for resolution and color depth. In grayscale scanning, the WideTEK® scanners use photometrically correct white light. This produces the best possible images. The following table shows the scan speed depending on the resolution.



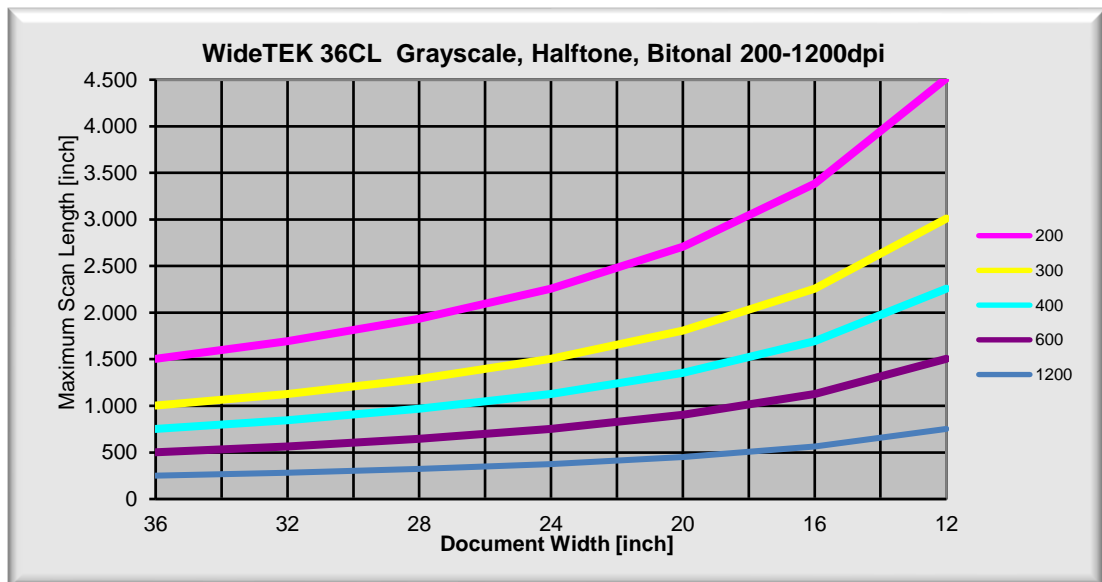
## Relation Between Document Length and Resolution

The maximum document length depends on three factors; resolution, color depths and document width. The WT36CL-600 has 8 GB of memory built into the scanner, enough to scan a 36" wide document at 300dpi up to a length of 670" or 17 m. The following tables show the relation between the scanning length, document width, resolution, and color depth.

### 24bit Color:



### Grayscale, Halftone and Bitonal:



## Optical System

|                    |   |
|--------------------|---|
| Document Width     | 965 mm (38 inch)  |
| Scan Width         | 915 mm (36 inch)  |
| Scan Direction     | Face up   |
| Scanner Resolution | 1200 x 1200 dpi<br>(optionally 9600 x 9600 dpi interpolated)  |
| Pixel Dimension    | 42 x 42 µm  |
| Sensor Type        | Three dual light CIS modules  |
| Color Depth        | 48 bit color (internal resolution)<br>16 bit gray scale (internal resolution)   |
| Scan Modes         | 24 bit color, 8 bit grayscale,<br>bitonal, enhanced halftone  |
| File Formats       | Multipage PDF (PDF/A) and TIFF, JPEG, JPEG 2000,<br>PNM, PNG, BMP, TIFF (Raw, G3, G4, LZW, JPEG),<br>AutoCAD DWF, JBIG, DjVu, DICOM, PCX, Postscript,<br>EPS, Raw data and more |

## Accuracy and Stitching

|                                 |                                       |
|---------------------------------|---------------------------------------|
| Accuracy in Scan Direction      | ± 0.08% across 36 inch scanning width |
| Accuracy in Transport Direction | ± 0.08% with new transport rollers    |

## Illumination System

|                        |                   |
|------------------------|-------------------|
| Light Source           | RGB LED           |
| Warm-up Time           | None              |
| Temperature Dependency | None              |
| UV / IR Emission       | None              |
| Lamp Lifetime          | 50,000 hours typ. |

## Electrical Specifications

### External Power Supply

|              |                |
|--------------|----------------|
| Voltage      | 100 – 240 V AC |
| Frequency    | 47 – 63 Hz     |
| ECO Standard | CEC level VI   |

### Scanner

|         |         |
|---------|---------|
| Voltage | 19 V DC |
| Current | 3 A     |

### Power Consumption

|               |               |
|---------------|---------------|
| Sleep         | < 0.5 W       |
| Standby       | Approx. 5.2 W |
| Ready to Scan | < 25 W        |
| Scanning      | < 45 W        |

### Document Specifications

|                    |  |
|--------------------|--|
| Document Length    | Up to 500 m (20.000 inch) <sup>1</sup> |
| Paper Grade        | Any                                    |
| Document Thickness | 2.5 mm (0.1 inch max.)                 |

<sup>1</sup> The maximum document length depends on the scan resolution and the scan output.

## Dimensions and Weight

|   |  |
|---|--|
| Scanner Outer Dimensions<br>(H x W x D)               | 170 x 1088 x 358 mm<br>(7 x 43 x 14 inch)  |
| Weight of Scanner                                     | 24 kg (53 lbs.)                            |
| Weight of Floor Stand                                 | 10 (22 lbs.)                               |
| Transport Box Dimensions (Scanner)<br>(H x W x D)     | 260 x 1160 x 440 mm<br>(10 x 46 x 17 inch) |
| Transport Box Dimensions (Floor Stand)<br>(H x W x D) | 140 x 270 x 1100 mm<br>(6 x 11 x 43 inch)  |
| Scanner Weight, Ready to Ship                         | 32 kg (71 lbs.)                            |
| Floor Stand Weight, Ready to Ship                     | 11 kg (24 lbs.)                            |

## Ambient Conditions

|                       |  |
|-----------------------|--|
| Operating Temperature | 5 to 40 °C (40 to 105 °F)                      |
| Storage Temperature   | 0° to 60 °C (32° to 140 °F)                    |
| Relative Humidity     | 20 to 80% (non-condensing)                     |
| Noise                 | < 35 dB(A) (Operating)<br>< 25 dB(A) (Standby) |

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