Accurate Color Reproduction with High Throughput

Fastest scanning in this class
High-precision, high-quality scanning
Supports Adobe® RGB compatible color space
Includes advanced multifunctional software
Environmentally friendly design

LUXios Engine - Graphtec's Proprietary Technology
High-resolution, high-quality scanning

Includes useful software tools

For color copying
Scanning ARTS 2 for WIN

For image editing
Enhanced Scanning Master ProColor

LUXIOS
High speed, Real Image Scan Engine.

www.graphteccorp.com
CSX500 Series

CSX510-09 / CSX530-09 / CSX550-09

Fastest Speed in the Class - A0 Size Color Scanning in 15 Seconds!

Using Graphtec’s proprietary, LUXios engine, the 1200 DPI model provides enhanced performance at a cost-effective price.

*1 In the CSX550-09

*2 Hi-speed scan mode in the CSX550-09

**Enhanced image processing delivers fastest scanning speed in this class!**

Graphtec Corp has improved the total throughput time by combining the fastest feed speed with optimized 64 bit technology. This new concept produces a remarkable increase in scanning speed which is four times faster than a former model. Total throughput time means the time taken from the start of the scan to the point when editing or filing of the captured image may begin.

**Comparison of Scanning Time**

<table>
<thead>
<tr>
<th>A0 size, 24-bit color, hi-speed scan mode, 400 dpi</th>
</tr>
</thead>
<tbody>
<tr>
<td>Former model</td>
</tr>
<tr>
<td>Scanning time (Sec)</td>
</tr>
</tbody>
</table>

**Fastest Speed in the Class**

**Real Color**

**Enhanced color reproduction**

The resolution of the sensor output has been expanded to 48-bits. Graphtec proprietary color matching technology enables production of images with accurate color reproduction and uniformity.

**Compatible with Adobe® RGB mode, for improved color reproduction!**

Supports sRGB and Adobe® RGB color space for wider color reproduction. The Adobe® RGB compatible mode supports a wider color space than sRGB.

**Hi Image Quality**

Our proprietary high-precision paper feed technology and 1200 dpi resolution optical sensor enable high resolution high quality scanning.

**Hi-speed Digital Process Technology**

Graphtec’s proprietary, LUXios engine, provides enhanced processing speed. This new concept produces a remarkable increase in scanning speed which is four times faster than a former model.

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Fastest in the class
Document feeding speed:
4 inches/sec

Three models in our lineup
to match all requirements

<table>
<thead>
<tr>
<th>Model</th>
<th>Resolution (dpi)</th>
<th>Interpolated Resolution (dpi)</th>
<th>Color Performance</th>
<th>Scanning Time (Sec)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Entry model CSX510-09</td>
<td>600</td>
<td>4800</td>
<td>A0 Color</td>
<td>43</td>
</tr>
<tr>
<td>Standard model CSX530-09</td>
<td>600</td>
<td>9600</td>
<td>A0 Color</td>
<td>17</td>
</tr>
<tr>
<td>Fast and high-resolution, Flagship model CSX550-09</td>
<td>1200</td>
<td>9600</td>
<td>A0 Color</td>
<td>15</td>
</tr>
</tbody>
</table>

Hi-speed Digital Process Technology
Multi-sensor Control Technology
Color Creation “I-Scan”
Color Reproduction
1200dpi Interpolated resolution
9600dpi Interpolated resolution

An enlarged image shows the difference in resolution.

<table>
<thead>
<tr>
<th>Model</th>
<th>Resolution (dpi)</th>
<th>Scanning Time (Sec)</th>
</tr>
</thead>
<tbody>
<tr>
<td>CSX550-09</td>
<td>600dpi</td>
<td>62</td>
</tr>
<tr>
<td></td>
<td>1200dpi</td>
<td>43</td>
</tr>
</tbody>
</table>

Includes 1000Base-T Ethernet for file-sharing via LAN

High Image Quality

- Produces high-quality images by using a new digital processing system

The RGB colorshifts that typically occur between 200 and 300 dpi are greatly reduced by our newly designed digital processing system. This means that high-quality images are available at fast scanning speeds.

- The CSX550-9 has 1200 dpi optical resolution for higher resolution and image quality

Our proprietary high-precision paper feed technology and 1200 dpi resolution optical sensor enable high resolution high quality scanning.

Bundled Software

- Improves your productivity when editing and managing image files

Scanning Master Pro Color software enables easy editing and management of image files. It has useful features for file management and file sharing such as image linking, auto de-skeew, auto de-speckle, background color suppression, re-touching and deleting together with search function, thumbnail view and display tree of image files.

- Large format copy system becomes more familiar

The Scanning ARTS2 for WIN software can easily build the large format copy system by combining the existing large-format printers and Graphtec scanners. Also, it can easily be configured the settings such as color or monochrome, document type, document size, print size, number of copies. This large size copying system can be used very conveniently just like a photocopying machine.

Note: the picture shows an image, but actual results vary according to the scanning conditions.
Specifications

Scanning document width
- 257 mm (10.1 inches) to 965 mm (38.0 inches)

Effective scanning area
- Width: 30 mm (2.0 inches) to 932.2 mm (36.7 inches)

Document size
- ISO (L) A0, A1, A2, A3, A4, A5 carrier sheet, A1 carrier sheet
- DIN A0, A1, A2, A3, A4
- ANSI (Engineering): E, D, C, B, A
- ANSI (Architectural): E, I, E I, D, C, B, A

Auto detect of document size
- Default: N/A
- Auto detects the standard size to fit the document based on the scanned document width

Document thickness
- 0.05 mm to 1.6 mm

Scanning margin
- 0 mm (+/- 0.5 mm) at front and rear edge of document

Scanning system
- Main
  - Contact image sensor (CIS)
    - (Five A4 sensors are arranged in a staggered pattern)
- Sub
  - Document feeding system

Document loading
- Face-up

Sensor
- Optical resolution: 600 dpi
- Output: Color: 48 bits/pixel, Grayscale: 16 bits/pixel
- Light source: LED (R/G/B) in CIS

Interpolated resolution
- 90 dpi to 4800 dpi (steps of 1 dpi)
- 50 dpi to 9600 dpi (steps of 1 dpi)

Document feeding speed
- (at resolution of 400 dpi, high speed mode)
  - Monochrome: 3.5 inches/sec
  - Gray: 3.5 inches/sec
  - 24bit color: 1.2 inches/sec

Scanning speed
- 42 W (3 W max. in power save mode)*7
- 55 W (3 W max. in power save mode)*7

Scanning accuracy
- The scanning accuracy may vary depending on the operating environment and the quality or thickness of the scanned document.

Scanning quality
- High speed, normal, high quality

Scanning mode
- High-speed, normal scan, high quality

Monochrome
- 16 sec 30 sec 31 sec 12 sec 13 sec 7 sec 11 sec 12 sec
- Gray
- 16 sec 30 sec 31 sec 12 sec 13 sec 7 sec 11 sec 12 sec
- 24bit color
- 44 sec 85 sec 86 sec 17 sec 31 sec 32 sec 15 sec 28 sec 29 sec

Gradation
- Monochrome
  - Monochrome: 256 shades
- Gray
  - Linear
  - Gamma 2.2
- Gray (RGB)
  - 256 shades

Color space
- sRGB, Adobe® RGB compatible

Power supply
- 100 to 120 V AC and 200 to 240 V AC, +/- 10 %, 50/60 Hz

Operating environment
- Temperature: 10 to 35 deg. C; Humidity: 35 to 80 % RH (non-condensing)
- Guaranteed accuracy condition
  - Temperature: 18 to 28 deg. C; Humidity: 40 to 70 % RH (non-condensing)

Guaranteed accuracy environment
- Temperature: 18 to 28 deg. C; Humidity: 40 to 70 % RH (non-condensing)

External dimensions (W x H x D)
- Excluding stand: approx. 1097 mm x 160 mm x 322 mm
- Including stand: approx. 1097 mm x 972 mm x 717 mm

Weight
- 88 kg (Including stand: approx. 29kg)

HDD
- Needs enough space for storing scanned image data

Software
- Scanning Master Pro Color, Scanning ARTS 2 for Win

Windows Compatibility
- Windows Vista (Ultimate / Business / Home Premium / Home Basic)
- Windows 7 (Ultimate / Enterprise / Professional / Home Premium / Home Basic)
- Windows 8 / Pro / Enterprise, Windows 8.1 / Pro / Enterprise

System Requirements for the software
- CPU: Dual Core or high grade
- Memory: 3.0 GB or more
- HDD: Needs enough space for storing scanned image data
- Monitor: 1024 x 768 pixels or more, True color display

Option

Standard accessories

<table>
<thead>
<tr>
<th>Item</th>
<th>Qty</th>
</tr>
</thead>
<tbody>
<tr>
<td>Power cable</td>
<td>1</td>
</tr>
<tr>
<td>Document guide</td>
<td>2</td>
</tr>
<tr>
<td>Cable clamp</td>
<td>1</td>
</tr>
<tr>
<td>USB Cable</td>
<td>1</td>
</tr>
<tr>
<td>Support plate</td>
<td>3</td>
</tr>
<tr>
<td>Calibration</td>
<td>1</td>
</tr>
<tr>
<td>Carrier sheet</td>
<td>1</td>
</tr>
<tr>
<td>Cleaning paper</td>
<td>1</td>
</tr>
<tr>
<td>CD-ROM</td>
<td>2</td>
</tr>
<tr>
<td>Lt manual</td>
<td>1</td>
</tr>
</tbody>
</table>

* Specifications are subject to change without notice. For more information about product, please check the website or contact your local representative.

** Brand names and product names listed in this brochure are the trademarks or registered trademarks of their respective owners.

To avoid an occurrence of malfunction or an electric shock by leakage, please ensure ground connection and use it in specified power source.