**Scanner Parts**

- Photo Print button
- Start button and indicator light
- Scan to Web (EPSON PhotoCenter) button
- Document cover
- Document table
- Carriage and lamp (in the home position)
- USB port
- DC inlet
- Transparency unit (TPU) connector

The EPSON Perfection 1250 PHOTO includes a transparency unit, a 35 mm film holder, and a 35 mm slide holder:

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**Scanner Specifications**

### Basic Specifications

- **Scanner type:** Flatbed, color
- **Photoelectric device:** Color CCD line sensor
- **Effective pixels:** $10,200 \times 14,040$ pixels at 1200 dpi, 100% scaling
- **Maximum document size:** US letter or A4 size (8.5 x 11.7 inches [216 x 297 mm])
- **Optical resolution:** 1200 dpi
- **Maximum (sub scan) resolution:** 1200 dpi (main scan) x 2400 dpi hardware resolution
  - The maximum hardware resolution of 1200 x 2400 dpi is achieved using EPSON's Micro Step Drive™ technology.
- **Maximum interpolated resolution:** 9600 dpi
- **Output resolution:** 50 to 9600 dpi
  - (50 to 4800 dpi in 1 dpi increments, 7200 dpi, and 9600 dpi)
- **Speed (1200 dpi, draft mode):**
  - Color: 36 msec/line
  - Grayscale: 12 msec/line
- **Command level:** ESC/I-B8
- **Zoom:** 50 to 200% in 1% increments
- **Pixel depth:** 16 bits per pixel
- **Brightness:** 7 levels
- **Line art settings:** Fixed threshold (available in EPSON TWAIN)
- **Gamma correction:** 1 type for user-defined (available in EPSON TWAIN)
- **Color correction:** 1 type for user-defined (available in EPSON TWAIN)
- **Interface:** USB (Type B receptacle connector)
- **Light source:** White cold cathode fluorescent lamp
- **Reliability:** 10,000 cycles of carriage movements (main unit MCBF)
- **Dimensions:**
  - Width: 10.9 inches (27.8 cm)
  - Depth: 17.2 inches (43.8 cm)
  - Height: 2.6 inches (6.7 cm)
- **Weight:** Approx. 5.5 lb (2.5 kg)
EPSON Perfection 1250/1250 PHOTO

**Electrical**

Input voltage range | DC 15.2 V
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Rated input current | 1.2 A

Power consumption | Approx. 18 W (same with or without TPU) approx. 5 W in power-saving mode

Note: Check the label on the back of the scanner for voltage information.

**Environmental**

Temperature
- Operation: 41 to 95 °F (5 to 35 °C)
- Storage: −13 to 140 °F (−25 to 60 °C)

Humidity
- Operation: 10% to 80%
- Storage: 10% to 85%

Operating conditions
- Ordinary office or home conditions; avoid extreme dust, direct sunlight, and strong light sources.

**Safety Approvals**

**Safety Standards**

120 V model
- UL 1950
- UL 1310
- CSB C22.2 No. 950
- EMC FCC part 15 subpart B class B
- CSA C108.8 class B

**USB Interface**

Interface type | Universal Serial Bus Specification Revision 1.1
--- | ---
Configuration

<table>
<thead>
<tr>
<th>Element</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Configuration</td>
<td>Characteristics: Self-powered&lt;br&gt;Remote wake up feature: Not supported&lt;br&gt;Maximum power consumption from VBUS: 2mA (5V)</td>
</tr>
<tr>
<td>Interface</td>
<td>No alternate setting&lt;br&gt;Class: Vendor specific</td>
</tr>
<tr>
<td>Endpoint 1</td>
<td>Bulk IN transfer&lt;br&gt;Maximum data transfer size: 64 bytes</td>
</tr>
<tr>
<td>Endpoint 2</td>
<td>Bulk OUT transfer&lt;br&gt;Maximum data transfer size: 64 bytes</td>
</tr>
</tbody>
</table>

**AC Adapter Specifications**

**Basic Specifications**

Dimensions | 2.3 × 4.3 × 3.4 inches<br>(5.8 × 10.8 × 3.4 cm)
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**Electrical**

Rated input voltage | 100 to 120 V ±15%
--- | ---
Rated input current | 0.4 A (input AC 100)
Rated output voltage | DC 15.2 V
Rated output current | 1.2 A
Rated frequency | 50 to 60 Hz
Input frequency range | 50 to 60 Hz ±3 Hz

**Safety Approvals**

Safety standards
- UL 1950
- UL 1310
- CSB C22.2 No. 950
- EMC FCC part 15 subpart B class B
- CSA C108.8 class B
Transparency Unit Specifications

The transparency unit (part number B12B813321), also called a film adapter, allows you to scan positive and negative transparent materials such as 35 mm slides and 35 mm film.

Dimensions
- Width: 3.5 inches (88 mm)
- Depth: 5.7 inches (145 mm)
- Height: 2.2 inches (56 mm)

Weight
- 0.4 lb (170 g)

Maximum readable area
- 1.4 x 1.4 inches (36 x 36 mm)

Electrical
- Supply voltage: DC 15.2 V
- Rated current: 0.3 A

Reliability
- 10,000 hours for light source

Temperature
- Operation: 41 to 95 °F (5 to 35 °C)
- Storage: –13 to 140 °F (–25 to 60 °C)

Humidity
- Operation: 10% to 80%
- Storage: 10% to 85%

Operating conditions
- Ordinary office or home conditions; avoid extreme dust, direct sunlight, and strong light sources.

Document specifications
- 35 mm film strip (negative, positive)
- 35 mm slides (negative, positive)

Safety approvals
- This product conforms to CE marking requirements in accordance with EC Directive 89/336/EEC.

Using EPSON Smart Panel

Follow these steps to use EPSON Smart Panel to scan documents or photos:

1. Place the original document(s) face down on the document table.

2. Do one of the following to open the Smart Panel:
   - Press the Start button on your scanner.
   - Click the Smart Panel icon on the desktop.
   - On a Macintosh, you can also open the Apple menu and select EPSON SMART PANEL.

3. Click the icon for your desired scanning application. The window for that option appears and lets you adjust settings for your scan. Follow the on-screen steps for each option.

Keep the following in mind when using Smart Panel:
- If you select Copy or Photo Print, make sure your printer is turned on and the correct paper type and size is loaded in your printer.
- Scan to E-mail requires a MAPI-compliant e-mail program (AOL is not MAPI compliant).

For instructions on using each of the Smart Panel applications, see the electronic manual for EPSON Smart Panel.

Scanner Buttons

The scanner’s buttons let you perform one-touch scanning with EPSON Smart Panel. The buttons are described below:

<table>
<thead>
<tr>
<th>Button</th>
<th>Action</th>
</tr>
</thead>
<tbody>
<tr>
<td>✉️ Start</td>
<td>Press the ✉️ Start button on the scanner to start EPSON Smart Panel (default).</td>
</tr>
<tr>
<td>✉️ Photo Print</td>
<td>Press the ✉️ Photo Print button to automatically scan and print a photo.</td>
</tr>
<tr>
<td>✉️ E-Mail</td>
<td>Press the ✉️ E-Mail button to scan your image and send it as an e-mail attachment.</td>
</tr>
<tr>
<td>✉️ Scan to Web</td>
<td>Press the ✉️ Scan to Web button to scan an image and upload it to the EPSON photo-sharing site, EPSON PhotoCenter.</td>
</tr>
</tbody>
</table>
Selecting TWAIN Settings

The illustration to the right shows the different settings you can adjust in the EPSON TWAIN window, and the preferred order you should adjust them in. Detailed descriptions are given in the electronic Reference Guide. Manually adjust settings in the EPSON TWAIN window in the following order:

1. Select the basic settings:
   - Document Source
   - Image Type
   - Destination
   - Resolution

2. Preview your image

3. Automatically set the scan area for your image using Auto Locate

4. Size or scale the image

5. Customize your settings and configuration, and use color management

6. Scan the image into your application

7. Close the EPSON TWAIN window

The most important thing to remember when scanning is to select the correct image type and best resolution for your scan. For more detailed information on making settings in EPSON TWAIN, see the electronic Reference Guide.

Scanner Light

The scanner has one indicator light. (The indicator light is part of the Start button.)

The light indicates the status of the scanner, as described below.

<table>
<thead>
<tr>
<th>Light</th>
<th>Color</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>On</td>
<td>Green</td>
<td>The scanner is ready to scan images.</td>
</tr>
<tr>
<td>Flashing</td>
<td>Green</td>
<td>The scanner is initializing or is busy scanning.</td>
</tr>
</tbody>
</table>
| On    | Red   | The scanner may not be properly connected to the computer. Unplug the scanner from its power source, remove the USB cable, and then plug them back in. If this does not eliminate the error, one of the following may be the problem and you need to consult your dealer or EPSON:  
  - The fluorescent lamp needs to be replaced.  
  - The scanner is malfunctioning. |
| Off   | —     | The scanner or AC adapter is unplugged. |

Related Documentation

- CPD-12466 EPSON Perfection 1250/1650 Start Here poster
- CPD-12467 EPSON Perfection 1250/1650 Scanner Basics
- CPD-12468 EPSON Perfection 1250/1650 scanner software CD-ROM  
  - Reference Guide (HTML)
- PL-PERF1250 EPSON Perfection 1250 Parts List
- PL-PHOTO1250 EPSON Perfection 1250 PHOTO Parts List