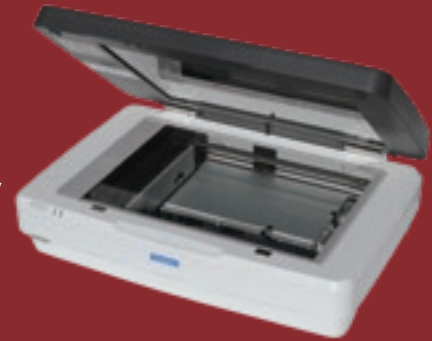


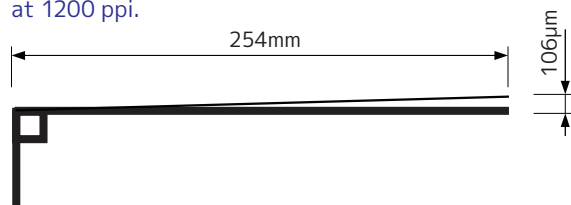
- High-precision image scanner, with excellent orthogonal accuracy and magnification accuracy.
- Ideal for inspecting the dimensions and measuring the density of printed matter, transparent films, etc.



PhotoDigitizer features

● Outstanding orthogonal accuracy

PhotoDigitizer guarantees orthogonal accuracy of ± 0.024 degree on delivery. This orthogonal accuracy is equivalent to a rotational misalignment of 5 pixels ($106 \mu\text{m}$) when a 10-inch (254 mm) wide film is scanned at 1200 ppi.



● Outstanding magnification accuracy

PhotoDigitizer guarantees a magnification accuracy of $\pm 0.03\%$ (Sub) and $\pm 0.14\%$ (main) on delivery (at an ambient temperature of $25 \pm 5^\circ\text{C}$.)

● 1.2 billion pixels in one scan

An A3 picture can be scanned at a resolution of 2400 ppi using the accompanying software called "iMeasureScan Pro."

● Chrome vapor deposition of markers on platen glass

Chrome vapor deposited markers with a positional accuracy of $\pm 15 \mu\text{m}$ and an orthogonal accuracy of $\pm 50 \mu\text{rad}$ can be applied to the platen glass. (optional)

Scanner models

Reflective mode	201811A1
Reflective / transparent mode	201811A2

Specifications

orthogonal accuracy	90 ± 0.024 degree (± 0.00042 radian)
Magnification	Sub: $\pm 0.03\%$ Main: $\pm 0.14\%$
Ambient temperature during use	$25 \pm 5^\circ\text{C}$
Light source	White LED
Sensor	CCD line sensors
Scan size	310 \times 437 mm (Transparent: 309 \times 420 mm)
Optical resolution	2400 ppi
Bit depth	RGB each 16 bit IN / 16 bit OUT
Interface	Hi-Speed USB
Scanner dimensions	W656 \times D458 \times H158 mm (Transparent: H190 mm)
Weight	15 kg (Transparent: 20 kg)
Power consumption	30 W (Transparent: 45 W)
Power source	AC 100-240 V, 50/60 Hz
Software	iMeasureScan Pro

Application examples

- High-precision image measurement of printed matter
- High-precision photogrammetric measurement of historical glass dry plates
- Stitching of oversized manuscripts
- Digitization of drawings and maps
- Measuring the density of printed matter and transparent films