iMeasure

REALPIXEL image scanner

RPS-4800

Creating a database of glass dry plates or film images at 4800 ppi. Wide-field microscopic analysis with a 1.9 billion pixel scan.

RPS-4800 features

- 6.1 × 16.5 inches (155 × 419 mm) scanned at 1.9 billion pixels (4800 ppi).
- The focal position can be set in increments of 0.1 mm in a range of +6.0 mm.
- Simply place the item to be scanned on the document table. A wide variety of documents, films, and samples can be handled.
- The dual array light source helps prevent the formation of shadows when scanning 3D objects.
- Low-noise and high-speed scanning enabled by the newly developed very bright light source.
- Captures light and dark areas of a sample in 65536 shades to visualize slight differences in density.

Scanner Models

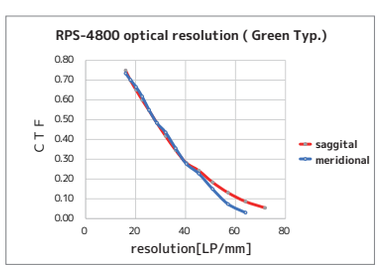
Reflective mode	202010A1
Reflective / transparent mode	202010A2

Specifications

Light source	White LED array
Sensor	CCD line sensors
Scan size	6.1 × 16.5 inch (155 × 419 mm)
Optical resolution	4800 ppi
Bit depth	RGB each 16 bit IN /16 bit OUT
Interface	Hi-Speed USB
Scanner dimensions	W656 × D458 × H174 mm (Transparent: H206 mm)
Weight	15 kg (Transparent: 20 kg)
Power consumption	50 W (Transparent: 55 W)
Power source	AC 100–240 V , 50/60 Hz
Software	iMeasureScan Pro

Application examples

- It can be used as a glass dry plate scanner to digitize valuable materials.
- Creation of a database of silver halide film assets
- Wide-field microscopic analysis with 1.9 billion pixels



Resolution evaluation result (G only)

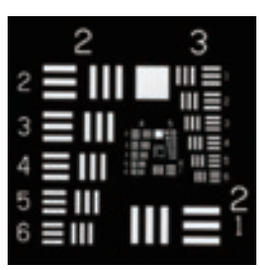


Chart: USAF 1951

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Developed and manufactured by
iMeasure Inc.
2-3-33 Kaichi, Matsumoto, Nagano 390-0876 Japan
Tel: +81-(0)263-50-8651 Fax: +81-(0)263-50-8652
www.imeasure.co.jp