

PFU Limited

RICOH
ScanSnap
iX2500
 Made in Japan



Functional unit

Per product

System boundary

☒ final products ☐ intermediate products
 Raw material acquisition, Production, Distribution,
 Use & maintenance, End-of-Life

Main specifications of the product

Product name: ScanSnap iX2500
 Product Category : Sheet-fed scanner (Without Flat-bed)
 For Business, for Personal use
 Scanning Speed : Simplex or Duplex, 45 ppm (90 ipm)
 Scanning Size : 216mm × 360mm (8.5in × 14in)
 Scanning Resolution : 600 dpi
 Scanning Method : CIS
 *This product is for United States.

Company Information

PFU Limited Imaging Service & Support center
 E-mail: scanners@ml.ricoh.com

Registration#	JR-AI-24601E
PCR number	PA-590000-AI-08
PCR name	Imaging input and/or output equipment
Publication date	6/25/2025
Verification date	4/1/2025
Verification method	Product-by-product
Verification#	JV-AI-24601
Expiration date	3/31/2030
PCR review was conducted by:	
Approval date	9/1/2023
PCR review panel chair	Masayuki Kanzaki (SuMPO)

Third party verifier*

Yumiko Umehara

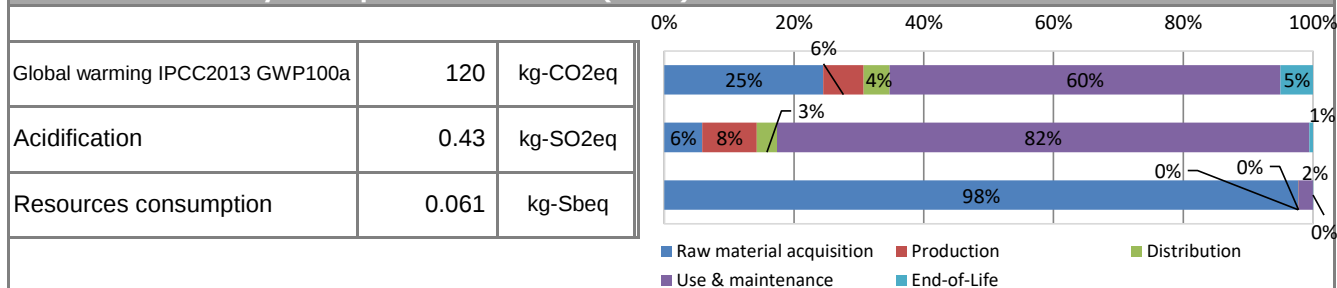
Independent verification of data & declaration in accordance with ISO14025

☐ internal ☒ external

*Auditor's name is stated if system certification has been performed.

Registration number : JR-AI-24601E

1. Results of life cycle impact assessment (LCIA)



Parameter	stage	Unit	Total	Raw material acquisition	Production	Distribution	Use & maintenance	End-of-Life
Global warming IPCC2013 GWP100a		kg-CO ₂ eq	1.2E+02	3.0E+01	7.7E+00	5.0E+00	7.5E+01	6.2E+00
Ozone layer destruction		kg-CFC-11eq	5.9E-06	4.3E-06	4.1E-09	6.4E-11	1.6E-06	3.9E-08
Acidification		kg-SO ₂ eq	4.3E-01	2.5E-02	3.7E-02	1.3E-02	3.5E-01	2.4E-03
Resources consumption		kg-Sbeq	6.1E-02	6.0E-02	2.8E-05	2.1E-05	1.4E-03	6.6E-06

2. Life cycle inventory analysis (LCI)

Parameter	Unit
Non-renewable material resources	4.4E+00 kg
Renewable material resources	8.6E+00 kg

3. Material composition

Material	Unit
Ordinary steel	3.6E-01 kg
SUS	2.5E-01 kg
Aluminum	2.1E-04 kg
Other metals	4.2E-02 kg
Plastic	2.0E+00 kg
Rubber	1.1E-02 kg
Glass	1.3E-01 kg
Circuit Board	1.2E-01 kg
Others	3.9E-01 kg

5. Additional explanation

Product selected for the scenario used for load calculation - Sheet-fed scanner

Product Destination: United States

Calculation method for the use phase

- Scans per day: 8,000 sheets/day (10 scans/day)
- Workdays per month: 20 days/month
- Working days per year: 240 days/year
- Expected usage period: 5 years
- Total scans: 12,000 times (9,600,000 sheets)/5 years

Printing paper is not included in the environmental impact

6-1. Supplementary environmental information

Compliant with the International Energy Star Program Ver.3.2.

It also complies with the European RoHS Directive.

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Inventory Database: IDEA version 3.1.0 and SuMPO environmental program registration data version 1.14. are used.

8. Remarks

- For data quantification, please refer to PCR and Rules on quantification and declaration.
- Comparative assertion is permitted only when Rules on quantification and declaration are satisfied.
(Reference URL : <https://ecoleaf-label.jp/regulation/>)