



EPSON

A4 Document Scanner

ES-580W

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

Model name: ES-580W

Main Specifications

- Sheet-fed type, simultaneous
double-sided scanning (no document tray)
- For business use
- Scanning speed (A4): 35 sheets/min single-sided,
70 sheets/min double-sided
- Maximum document size: 215.9 x 6,096 mm
- Scanning resolution: 50-1,200 dpi
- Scanning method: CIS

※This product is destined for North America

Registration#	JR-AI-24439E
PCR number	PA-590000-AI-08
PCR name	Imaging input and/or output equipment
Publication date	01 November 2024
Verification date	28 October 2024
Verification method	Product-by-product
Verification#	JV-AI-24439
Expiration date	27 October 2029
PCR review was conducted by:	
Approval date	01 September 2023
PCR review panel chair	Masayuki Kanzaki (SuMPO)

Third party verifier*

Yasuo Koseki

Independent verification of data & declaration in
accordance with ISO14025

internal external

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

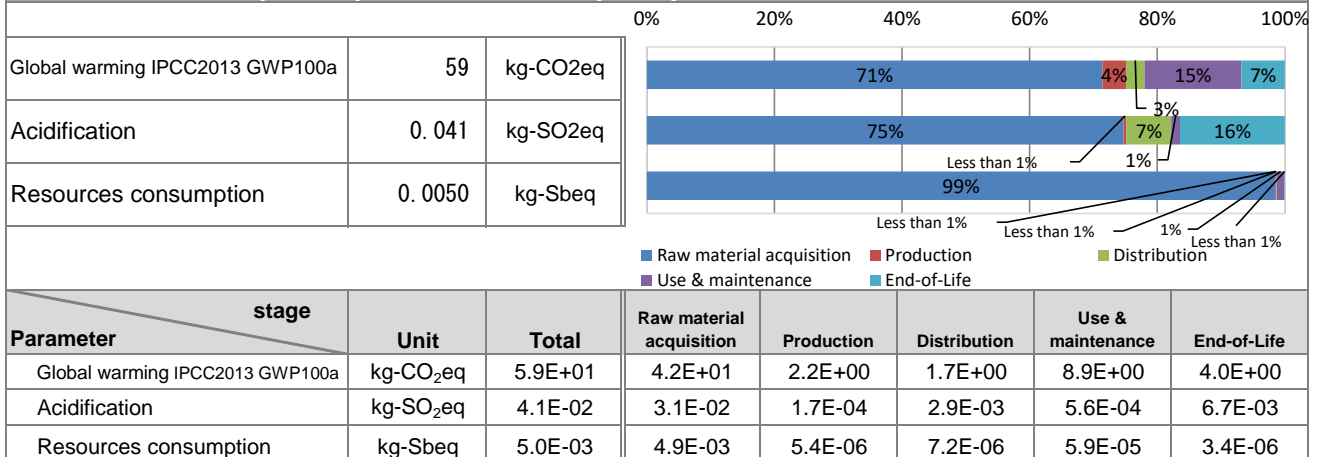
Company Information

Seiko Epson Corporation
3-3-5 Owa, Suwa-shi, Nagano-ken,
Japan
TEL 81-266-52-5353 (Japan)

<http://www.epson.com/>
<http://www.epson.jp/contact/> (Japanese)

Registration number : JR-AI-24439E

1. Results of life cycle impact assessment (LCIA)



2. Life cycle inventory analysis (LCI)

Parameter	Value	Unit
Non-renewable material resources	2.8E+00	kg
Renewable material resources	8.0E+00	kg

4. Waste to disposal

Parameter	Value	Unit
Steel	6.2E-01	kg
SUS	1.0E-01	kg
Aluminum	0.0E+00	kg
Other metal	2.1E-01	kg
Plastic	2.4E+00	kg
Rubber	2.1E-02	kg
Glass	0.0E+00	kg
Paper and wood	5.4E-01	kg
Circuit Board	1.7E-01	kg
Other	5.2E-01	kg

*Data derived from LCA and not assigned to the impact categories of LCIA

5. Additional explanation

- Product destination: North America
 - Calculation method (scenario) for the usage stage*
 - Number of pages scanned per day: 64 pages/day (8 scans/day)
 - Number of operating days per month: 20 days/month
 - Number of operating days per year: 240 days
 - Expected usage period: 5 years
 - Total number of pages scanned: 76,800 pages (9,600 scans)/5 years
- *For load calculations during the usage stage, a scenario was set up based on the above conditions that match the actual usage conditions of the user.

6-1. Supplementary environmental information

- This product and main components are produced in our ISO 14001 certified factories.
- Compliant with the International Energy Star Program Ver.3.0. It also complies with the European RoHS Directive.

7. Assumptions of secondary data used

We used IDEA v2.1.3 and SuMPO Environmental Label Program registration intensity v1.13.

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/>)