



## EPSON

### A4 Document Scanner

# DS-790WN

#### 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: DS-790WN

Main Specifications

- Sheet-fed type, simultaneous double-sided scanning (no document tray)
- For business use
- Scanning speed (A4): 45 sheets/min single-sided, 90 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-24438E
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-24438
Expiration date	27 October 2029
<b>PCR review was conducted by:</b>	
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

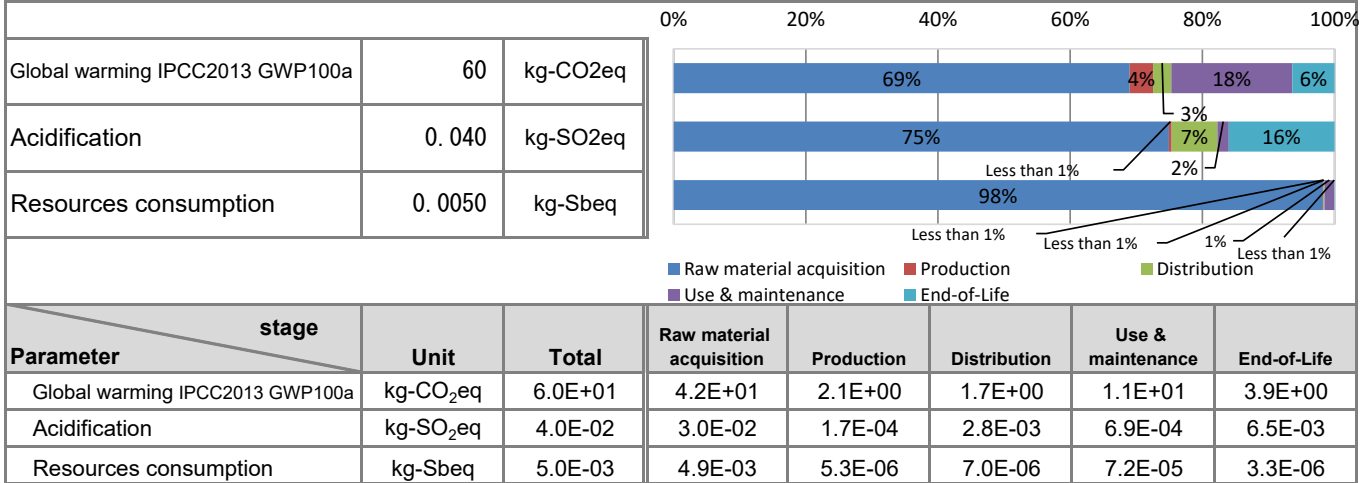
\*Auditor's name is stated if system certification has been performed.

#### Company Information

Seiko Epson Corporation  
3-3-5 Owa, Suwa-shi, Nagano-ken,  
Japan

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

### 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	7.7E+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	2.3E+00	kg
Rubber	2.1E-02	kg
Glass	0.0E+00	kg
Paper and wood	4.7E-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

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- 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/>)