

CANON Inc.

Network Scanner imageFORMULA ScanFront 400



Functional unit

Per unit product

System boundary

- final products intermediate products

Raw Material acquisition, Production, Distribution, Use & maintenance, and End-of-Life stage

Main specifications of the product

Model name

imageFORMULA ScanFront 400

Specifications

- Sheet Fed Scanner
- Scanning Speed : 45ppm(Simplex)/90ipm(Duplex)
(Color, 200dpi, A4 vertical document size)
- Maximum Scan Paper size : A4
- Scanning Resolution : 600dpi
- Scanning sensor Unit : Contact image sensor
- Image Element : Complementary Metal-Oxide Semiconductor

Company Information

Canon Inc.
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Tokyo 146-8501. Japan +81-3-3758-2111

Registration#	JR-AI-24655E-A
PCR number	PA-590000-AI-08
PCR name	imaging input and/or output equipment
Publication date	1-Apr-2025
Verification date	24-Mar-2025
Verification method	Product-by-product
Verification#	JV-AI-24655
Expiration date	23-Mar-2030
PCR review was conducted by:	
Approval date	1-Sep-2023
PCR review panel chair	Masayuki Kanzaki Sustainable Management Promotion Organization

Third party verifier*

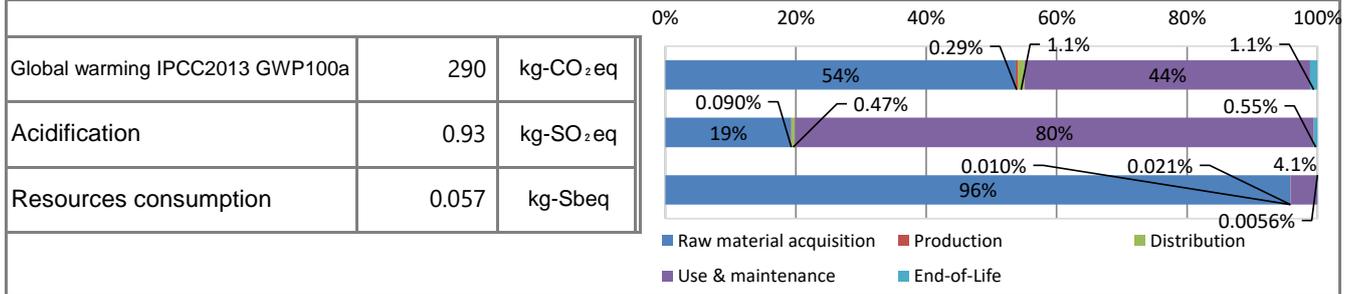
Shinichi Inoue

Independent verification of data & declaration in accordance with ISO14025

internal external

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

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	2.9E+02	1.6E+02	8.5E-01	3.2E+00	1.3E+02	3.3E+00
Ozone layer destruction		kg-CFC-11eq	5.1E-05	3.9E-05	2.0E-07	3.6E-08	1.2E-05	8.1E-08
Acidification		kg-SO ₂ eq	9.3E-01	1.8E-01	8.3E-04	4.3E-03	7.4E-01	5.1E-03
Resources consumption		kg-Sbeq	5.7E-02	5.5E-02	5.7E-06	1.2E-05	2.4E-03	3.2E-06

2. Life cycle inventory analysis (LCI)

Parameter	Unit	Value
Non-renewable energy resources	MJ	5.3E+03
Renewable primary energy	MJ	1.4E+03

3. Material composition

Material	Quantity	Unit
Common Steel	11	%
Stainless Steel	2.2	%
Aluminium	0.026	%
Other Metal	2.1	%
Plastic	33	%
Rubber	0.93	%
Glass	0.25	%
Paper/Wood	31	%
Circuit Board	3.9	%
Others	16	%

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

5. Additional explanation

- Assumed destination of the product when calculated: Europe, North America, South America, Asia
- Calculation method for the use & maintenance stage
Estimated usage period: 5 years
Load on the image output media during use is not included.
- Scenario used for load calculation: sheetfed scanner
Category: Medium speed1
Calculation was made under the following situation based on the scenario.
A4 vertical feeding, 200dpi, 45ppm(Simplex) /90ipm(Duplex)

In calculating the amount of raw materials used, we used our company data. However, because it is difficult to collect data on hundreds of parts, we used general data at the time of raw material production. Therefore, it may not reflect the unique features of this product. For the above reasons, these results should be considered approximate.



SuMPO EPD
Type III Environmental Declaration (EPD)

Japan EPD Program by SuMPO

Sustainable Management Promotion Organization
14-8, Uchikanda 1-chome, Chiyoda-ku, Tokyo Japan

Registration number : JR-AI-24655E-A

<https://ecoleaf-label.jp/>

6-1. Supplementary environmental information

Complies with the EU RoHS Directive (2011/65/EU) and its amendments including 2015/863/EU.

Manufactured at ISO 14001 certified factories.

7. Assumptions of secondary data used

IDEA v3.1, and registered data v1.13 of Japan EPD Program by SuMPO are used.

8. Remarks

Revised on February 25,2026: Added wording to the explanation of the LCA calculation results to describe the assumptions and the associated uncertainties.

- 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/>)
- This is a selfdeclared translation of EPD that can be accessed at [<https://ecoleaf-label.jp/epd/2200>] and is published for convenience purposes. Only the original EPD is valid and binding between parties.

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