



EcoLeaf

Type III Environmental Declaration (EPD)

Registration number : JR-AI-21133E

Ecoleaf Environmental Labeling Program

Sustainable Management Promotion Organization

2-1, Kaji-cho 2 chome, Chiyoda-ku, Tokyo Japan

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

PFU Limited



FUJITSU Image Scanner fi-8190



### 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 FUJITSU Image Scanner fi-8190  
Product Category : Sheet-fed scanner (Without Flat-bed)  
For Business  
Scanning Speed : Simplex or Duplex, 90 ppm(180 ipm)  
Scanning Size : 215.9mm × 355.6mm ( 8.5in × 14in )  
Scanning Method : CIS  
\*This product is for United States.

### Company Information

PFU Limited      Imaging Service & Support center  
E-mail: [scanners@pfu.fujitsu.com](mailto:scanners@pfu.fujitsu.com)

Registration#	JR-AI-21133E
PCR number	PA-590000-AI-03
PCR name	Imaging input and/or output equipment
Publication date	1/26/2022
Verification date	11/25/2021
Verification method	Product-by-product
Verification#	JV-AI-21133
Expiration date	11/24/2026
PCR review was conducted by:	
Approval date	11/8/2019
PCR review panel chair	Masayuki Kanzaki (SuMPO)

### Third party verifier\*

Yuki Sakamoto

Independent verification of data & declaration in accordance with ISO14025

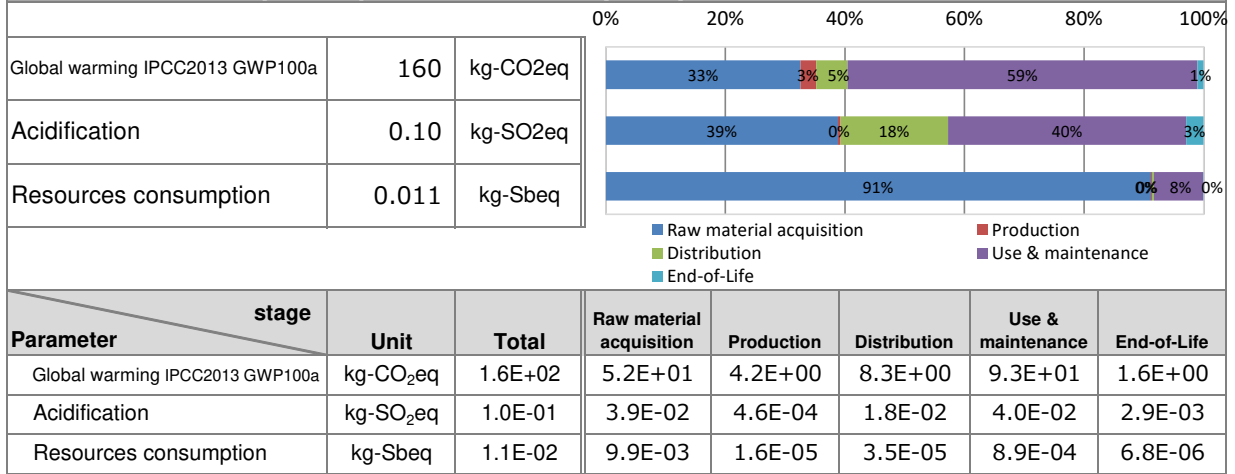
internal       external

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

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1. Results of life cycle impact assessment (LCIA)



2. Life cycle inventory analysis (LCI)

項目	単位
Non-renewable material resources	3.9E+00 kg
Renewable material resources	1.1E+01 kg

3. Material composition

Material	Unit
Ordinary steel	6.9E-01 kg
SUS	2.9E-01 kg
Aluminum	6.6E-04 kg
Other metals	6.1E-02 kg
Plastic	2.4E+00 kg
Rubber	2.2E-02 kg
Glass	4.3E-02 kg
Paper and Wood	2.2E+00 kg
Circuit Board	2.8E-01 kg
Others	5.7E-01 kg



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## 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: 12,000 sheets/day (5 scans/day)
- Workdays per month: 20 days/month
- Working days per year: 240 days/year
- Expected usage period: 5 years
- Total scans: 6000 times (14,400,000 sheets)/5 years

## 6-1. Supplementary environmental information

Compliant with the International Energy Star Program Ver.3.1. It also complies with the European RoHS Directive.

## 7. Assumptions of secondary data used

Inventory Database: IDEA v2.1.3, and registered data of EcoLeaf Environmental Labeling Program, JLCA datav1.10 are used.

## 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/>)

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