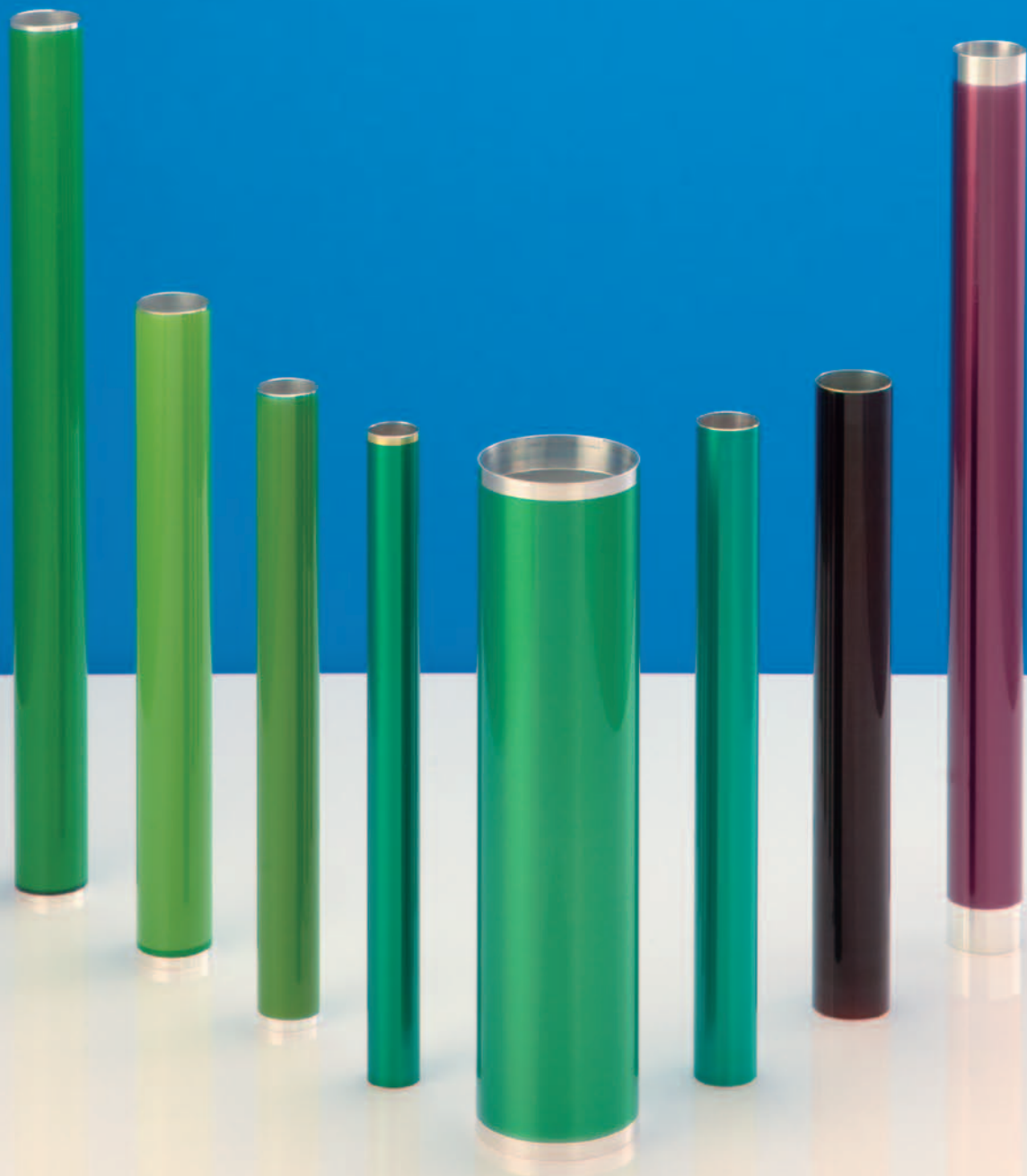


Organic PhotoConductor



Imaging innovation always comes from
OPC evolution.
Fuji Electric is constantly introducing
reliable products to the world.

In order to remain successful with you, Fuji will continue to pursue
technological innovation and provide advanced Electrophotographic
technology to the world.



OPC (Organic PhotoConductor)

Business Summary

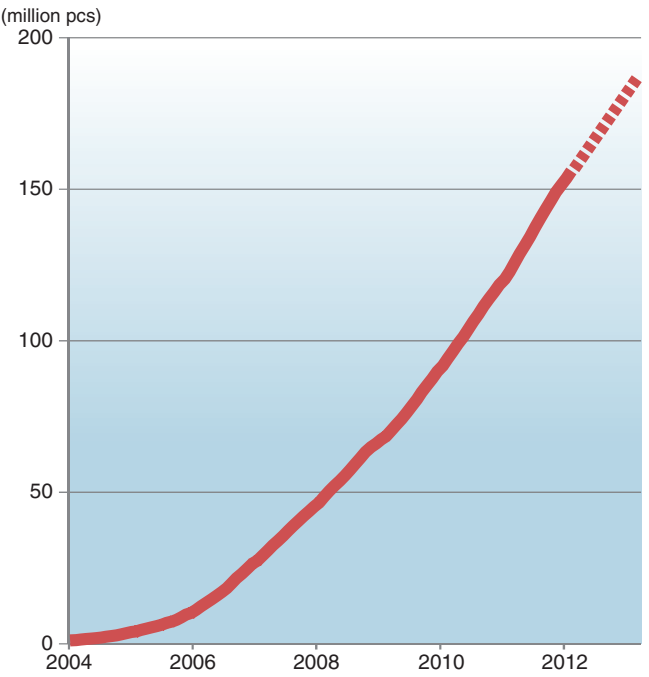
Product	OPC (Organic PhotoConductor), Peripheral Imaging Devices
Capacity	38 million pieces a year
Sales Office	Japan, U.S., Germany, China/Hong Kong
Factory	Fuji Electric (ShenZhen) Co.,Ltd. ShenZhen Guangdong, CHINA
Development	Fuji Electric Co.,Ltd. Matsumoto Factory Matsumoto, Nagano, JAPAN Fuji Electric (ShenZhen) Co.,Ltd. ShenZhen Guangdong, CHINA

Corporate History

1988	Start OPC Production at Matsumoto Factory
1990	Installed OPC manufacturing line in Hong Kong Fujidenki Co.,Ltd. (became Fuji Electric Hong Kong Co.,Ltd.) and it began production.
1993	Installed OPC manufacturing line in U.S. Fuji Electric Inc. (became Fuji Electric Corporate of America Inc.) and it began production.
2004	Installed OPC manufacturing line in Fuji Electric (ShenZhen) Co.,Ltd. and it began production.
2006	Consolidate all global manufacturing properties (Japan, U.S. and Hong Kong) into Fuji Electric (ShenZhen) Co.,Ltd.

Factory Outline

Company Name	: Fuji Electric(ShenZhen)Co.,Ltd.
Location	: Fuyong,Baoan,ShenZhen,Guangdong,CHINA
Capital Stock	: 36 million US dollars
Lot area	: 45,250m ²
Number of Employees	: 1,000(As of September,2012)

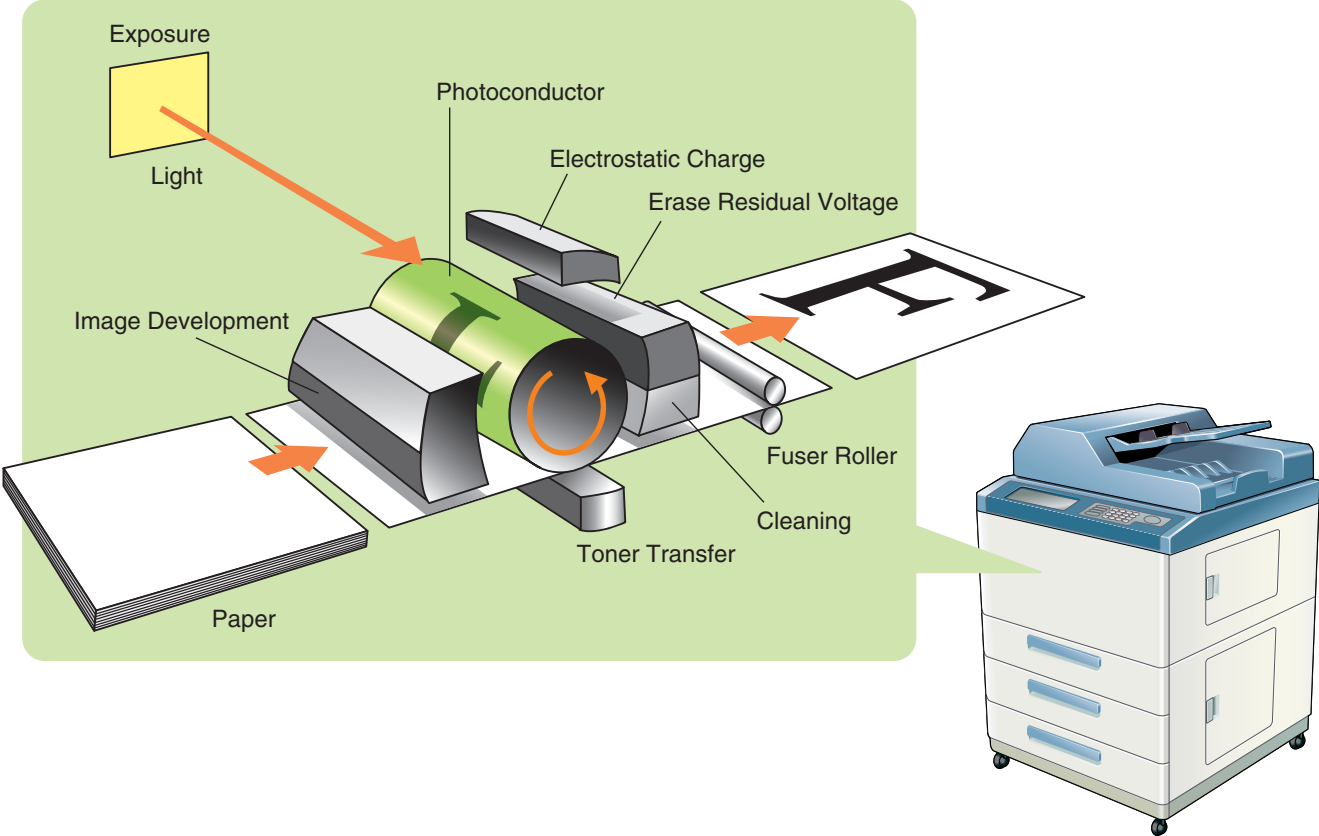


Fuji Electric(ShenZhen) Total production of OPC



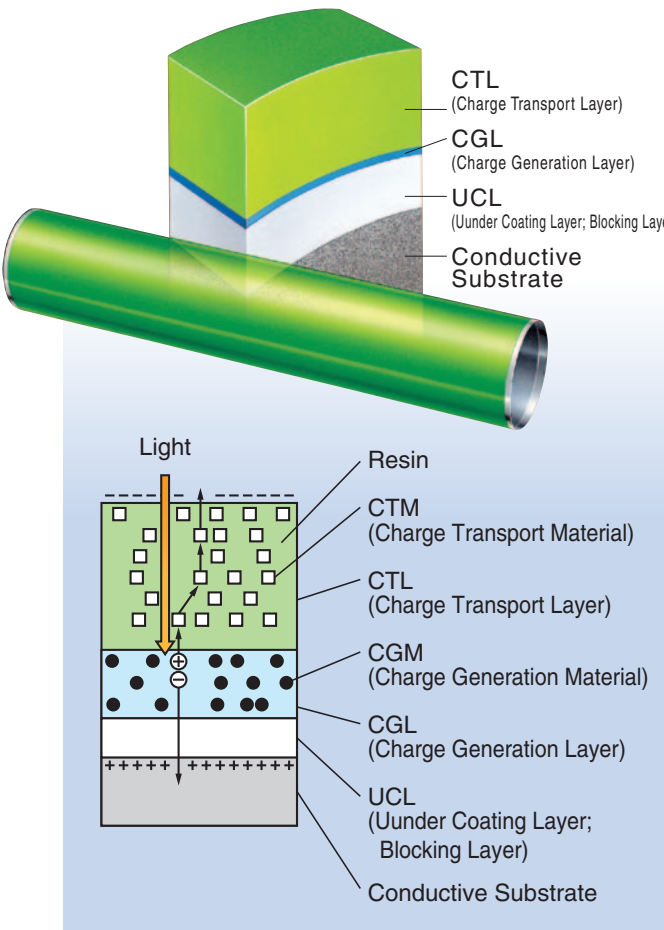
In response to our customer's wide range of needs, our products are produced by the integrated manufacturing system.

Electrophotographic process

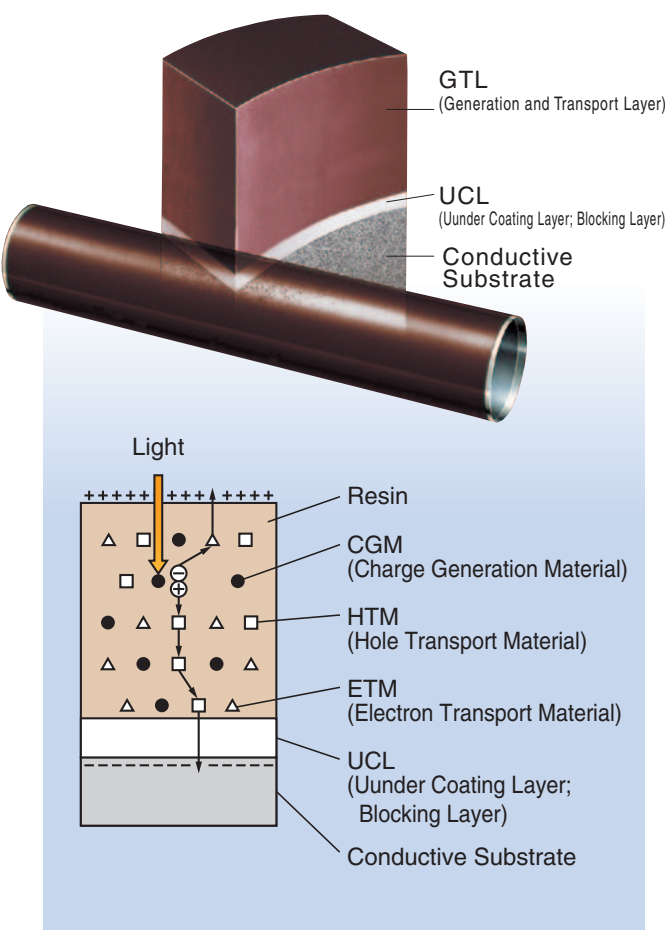


Layar Structure of OPC

Negative Charging OPC



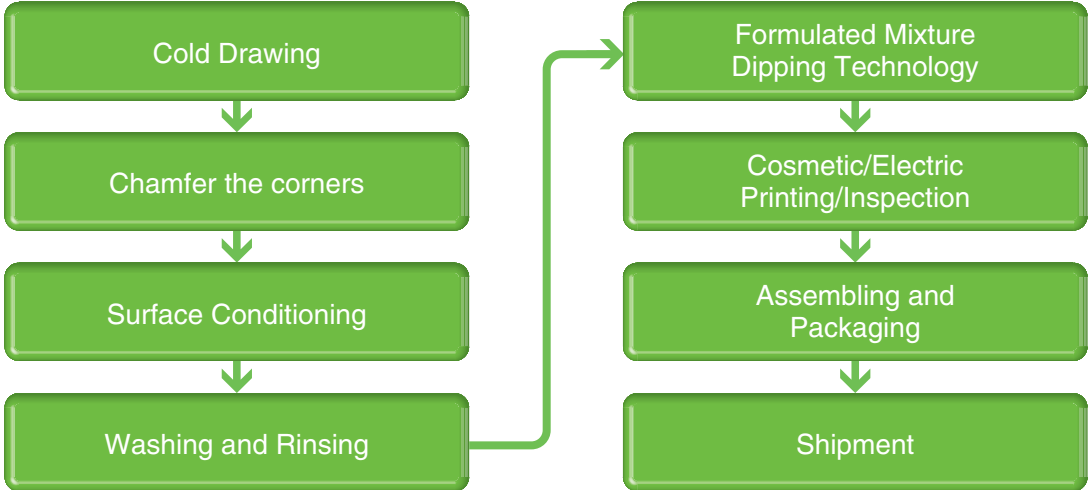
Positive Charging OPC



Offer a Wide range of specification

Charge Process	Print Device	Optical Source	Sensitivity E ₁₀₀ (μJ/cm ²)	Feature	Type	Size (mm)
Negative Charging OPC	Low-speed printer (up to 20ppm)	LD · LED	0.15 ~ 0.80	High Resolution High Reliability High Yield	8	Outside Diameter ø20 ~ ø262 Length 236 ~ 1000
	Medium-speed printer (21 to 40ppm)					
	High-speed printer (41ppm or more)					
	Low-speed digital PPC (up to 20ppm)	LD · LED	0.20 ~ 0.60	High Resolution High Response High Durability	10	
	Medium-speed digital PPC (21 to 40ppm)					
Positive Charging OPC	High-speed digital PPC (41ppm or more)					
	Low-speed or medium-speed printer (up to 30ppm)	LD · LED	0.25 ~ 1.20	High Resolution Operational Stability High Yield	11	
	Medium-speed or high-speed printer (31ppm or more)				12	

Integrated manufacturing process provides best solution fit into your products.



The best fit products for our customers will be delivered through our global network.

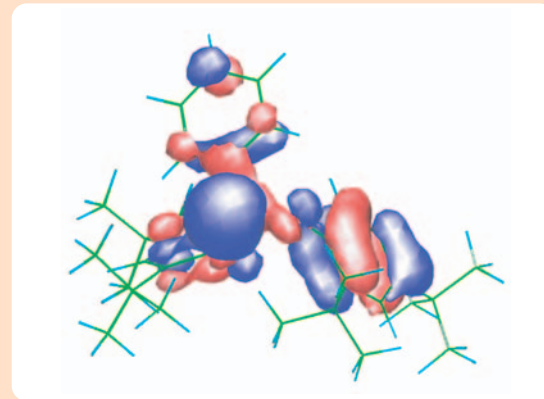
Persistent Effort to the Future

A broad lineup backed by proven material design and evaluation technology delivers the world's most efficient products.

Molecular Design Technology

Molecular geometry engineering optimizes photoconductive materials

- Calculate molecular orbital and enhance material design
- Design Simulation to predict characteristics
- Competitive cost design



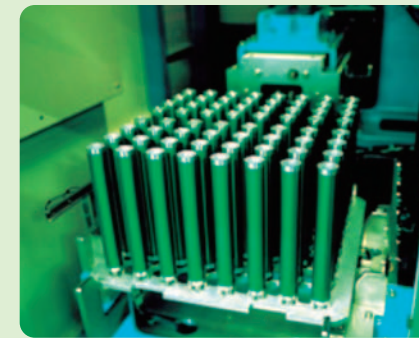
Sample of the molecular orbital calculation

Fuji is a Trusted Brand

Highest quality products available thanks to the world's highest level of production control.



Machining



Coating



Automatic inspector

Constant research and Development
@Matsumoto

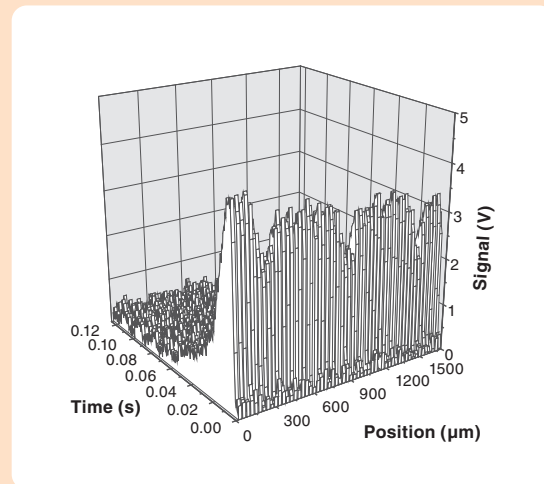
Manufacturing
@Shen Zhen

Sales Network
(Japan/U.S./Europe/China/Asia)

Cutting Edge Analytical Technique

Distinctive analytical approach provides optimum photoconductive layer design

- Electrostatic latent image analyzer
Analyze surface voltage distribution to evaluate latent image resolution
- Toner adhesion analyzer
Measure adhesion force from both electrostatic and physical view points
- High Speed motion analyzer
Investigate behavior change of the cleaning process to optimize it



Sample data of the Electrostatic latent image analyzer

Global Sales Network

We deliver the best products and services through our excellent staff and a supply chain that spans the globe.



Fuji Electric Co., Ltd.

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<http://www.fujielectric.com>

Domestic Sales Site

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Electronic Devices Business Group
4-18-1, Tsukama, Matsumoto, Nagano 390-0821, Japan
Phone:+81-263-27-6341

Overseas Sales Sites

Fuji Electric Corp. of America

50 Northfield Avenue, Edison, NJ 08837, U.S.A.
Phone:+1-732-560-9410

Fuji Electric Europe GmbH

Goethering 58, 63067 Offenbach am Main, GERMANY
Phone:+49-69-6690290

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No.3000 Zhongshan North Rd., Shanghai 200063
THE PEOPLE'S REPUBLIC OF CHINA
Phone:+86-21-5496-1177

Fuji Electric Hong Kong Co., Ltd.

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