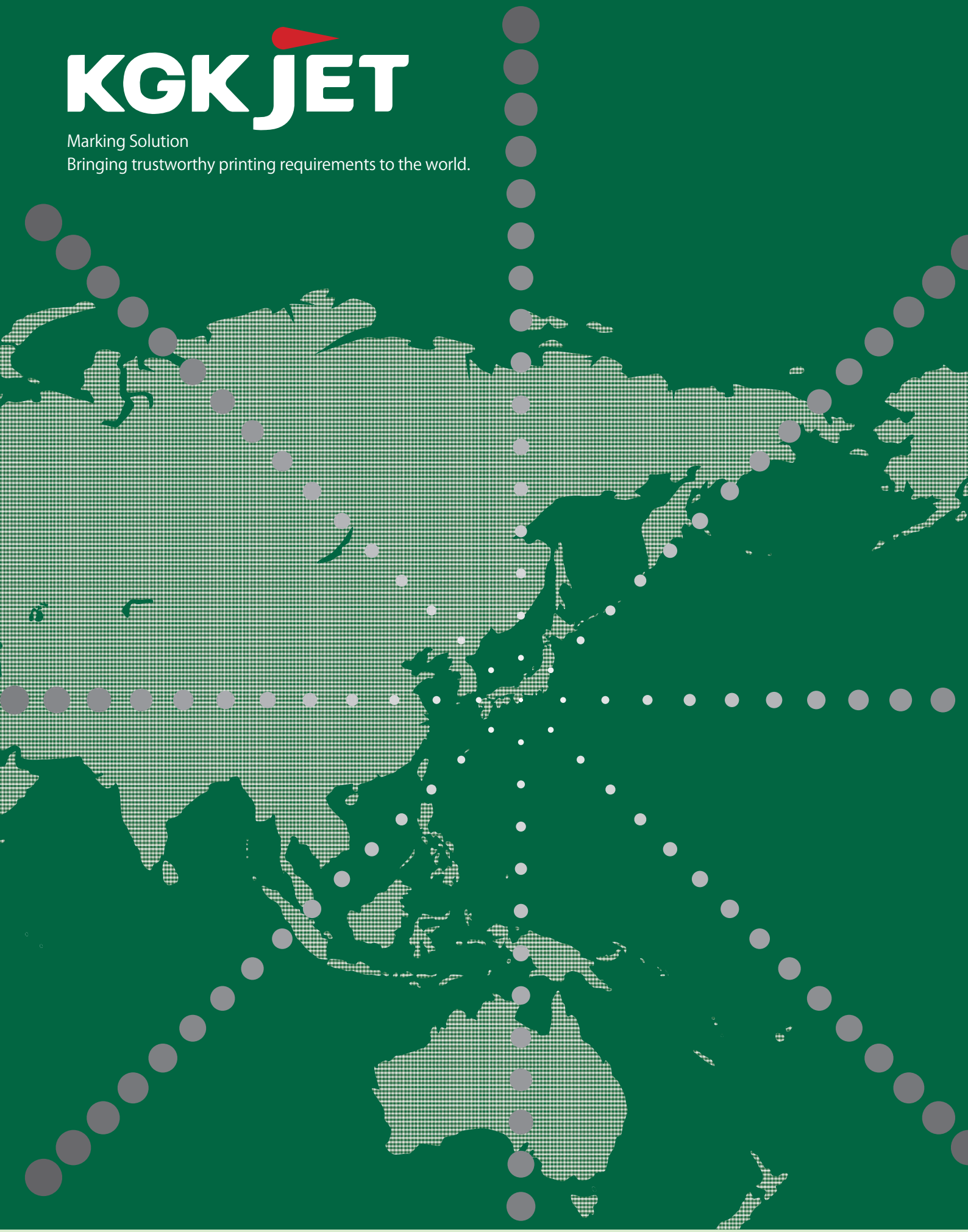
KGK JET

Marking Solution

Bringing trustworthy printing requirements to the world.



KGK KGK Co.,Ltd.

PRESIDENT
Mr. Toshiyuki Kamanaka

Born in April 10, 1937 in Aridagawa-cho Arida-gun Wakayama prefecture, Graduated from Wakayama Prefectural Wakayama Technical High School in 1956.
After graduating, he worked for 12 years at Kao Corporation's Wakayama Factory, where he was in charge of the packing machinery and equipment. With his zeal for doing something different and to serve the packaging industry that he once enjoyed working in, he ventured to establish Kishu Giken Kogyo Co., Ltd., a specialized manufacturer of roller coders, in the year 1968. His hobbies include playing golf and gardening in his free time. He has been awarded a Yellow-Ribbon Medal (Oju-Hosho) in November, 2005.

KGK JET a Universal Inkjet Printer Manufacturer

Kishu Giken Kogyo Co., Ltd. (Kishu Technical Research Institute) acquired a patent for automatic stamping technology in the 1960s. KGK Jet have played a pivotal role in the roller coding technology in Japan and have established ourselves as a total manufacturer.
We have driven the cutting edge in the field of printing by developing inkjet printers with the Piezo Type Drop on Demand formula (DOD) for the international market.
We began our operations initially by hiring only machine technology specialists. However as the time progressed and with the demand for such technologies improving, we added many electrical engineers to compliment the activities. Chemical Engineers also came into the fold to develop inks. Our Ink development team is proficient in developing all kinds of speciality inks used in the industry such as Tablet inks, UV Hardening inks, Edible inks, Strong Adhesive inks etc. We have also bolstered our capability by developing metal nanoparticle inks to enable us foray into the field of semiconductors.
For many years, KGK has been a unique Japanese business integrating the 3 technological developments and manufacturing process for our head ink system, in house. We have been very successful in this and pride ourselves on this strength.
At KGK, the sole contributing factor of development has been our ability to consistently upgrade ourselves to match the technologically progressing times, for example, we started with a machine shop, then strengthened ourselves on the electronics side notwithstanding the chemistry lab to develop inks. The emergence of KGK in the semiconductor industry endorses our determined approach. We will continue to strive to cater to the ever demanding global needs.

Kishu Giken : Kainan Technical Center

1968

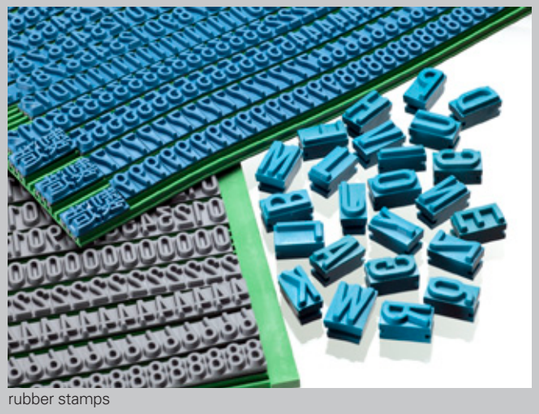
NRTA-600-10L

Producing Japan's first automatic stamping machine

Earlier, stamping on the production lines was done manually. We were pioneers in automating the lines with our self-developed stamping machine, giving us instant success. With this came the roller coder automatic stamping, which used rubber stamps. KGK has maintained its market leadership since the introduction of this product.

Domestic stamping machine No.1, TQ-301

Suitable for stamping small cases, RM-151



rubber stamps

1986

Developing Inkjet Printers

We thrive in being responsive to the changing times. We developed our continuous inkjet printers coupled with a variety of quick drying inks that would print on packaging, plastic bottles or any material regardless of material quality and our high-grade Piezo-style inkjet printers that would print brand names, company names, logos, images, various barcodes and QR codes in addition to best-by dates and lot numbers on packaging with consummate ease.

Our Foremost Development Department

High-grade Inkjet Printer, KGK JET HQ500

Continuous Inkjet Printer　KGK JET CCS3000EG

2002

Developing Specialty Inks

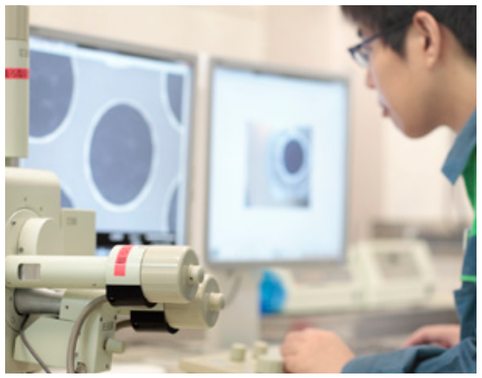
Articles requiring characters printed from industrial printers can be extensive, including everything from cardboard to metal, plastic, ceramic and foodstuffs; each requiring different quality performance. We started developing our own ink materials and established the Ink Development department for the development of unique inks in response to the various needs of the market. In addition to regular inks, we responded to market needs with UV Ink, Stealth Inks, and Edible inks for printing characters directly onto foodstuffs like eggshells and fruit, and Tablet Inks for printing characters onto medicinal tablets.

Ink development has been made with personal safety in mind.

Tablets

egg shell

mango skin



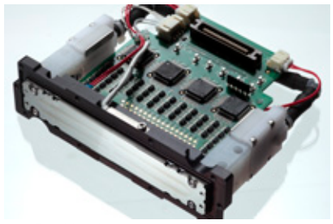
Excimer Laser Manufacturing Machine (Print Head Development Department)

KGK JET

2002

IIn-house development of high-precision heads

In addition to the Ink Development Department, we established the Print Head Department in 2002. We became the only inkjet printer manufacturer to regulate everything from 'development to production' in-house, including ink and the inkjet's indispensable head. With a reserve of know-how in high precision micro-processing technology, we have been developing heads to match client needs; not just suitable heads for use in printing characters, but those for the likes of Printed Electronics, etc.


128 Dot Head


KGK JET HQ500


KGK JET HQC

2006

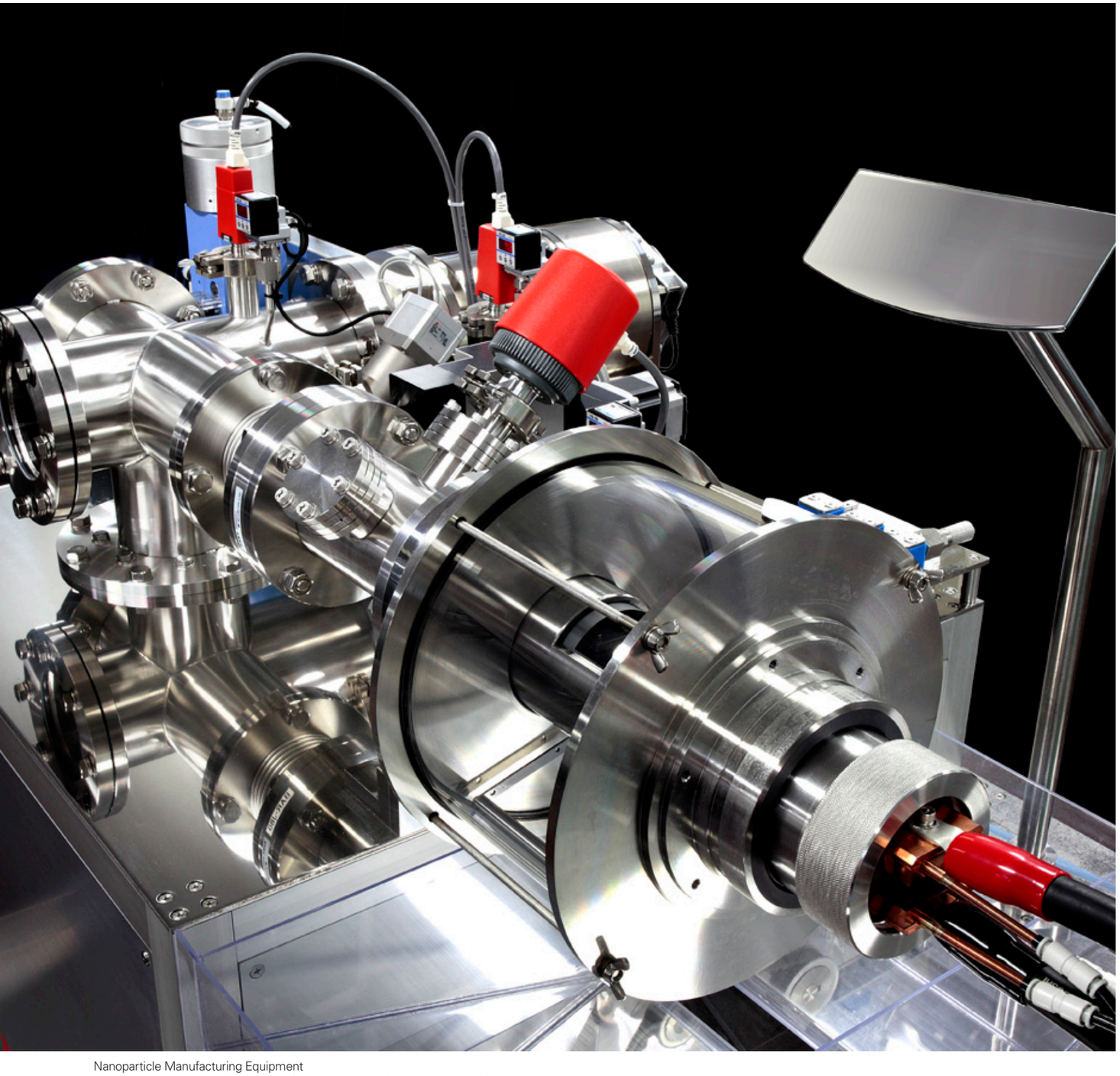
Creating further trust with character inspection equipment.

In 2003, we started developing inspection systems as an OEM. Our aim was to develop an inspection system that would help us leverage on our know how of inkjet printer manufacturing. In 2006 we established the Image Recognition System Development Department. Our endeavour is to develop an inspection system that is user friendly.

KGK JET

2013

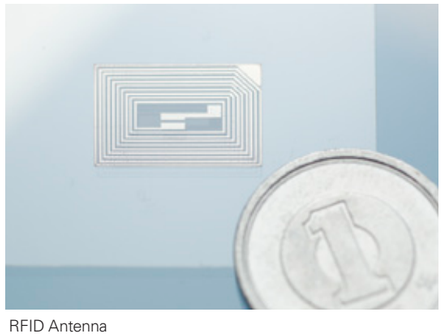
New Challenges



Nanoparticle Manufacturing Equipment
In-house development of equipment for directly converting nanoparticles for all kinds of metal, including gold, silver, copper, tin and cobalt.

Only Inkjet manufacturer to foray into Metal nanoparticle ink

Nanoparticle Manufacturing Equipment

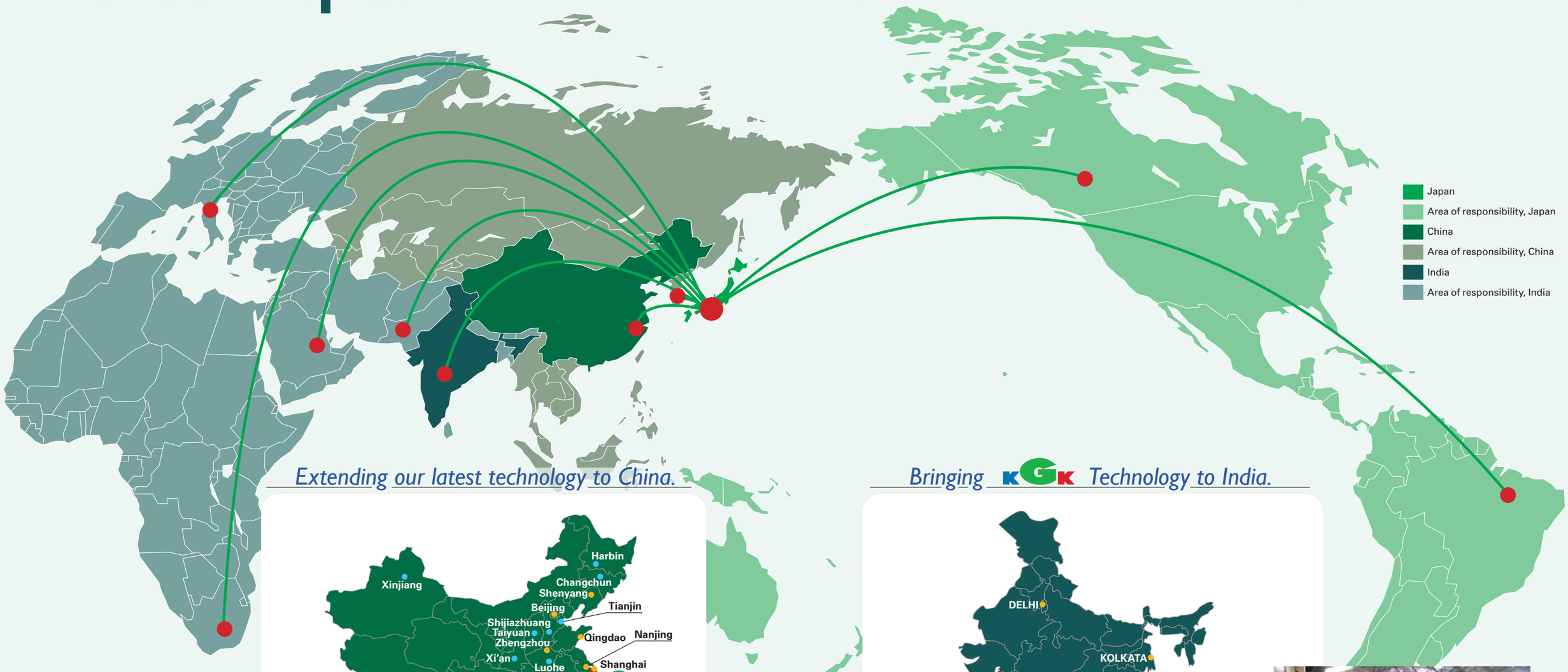


RFID Antenna

Initial production of metal nanoparticles for both wet and dry processes, as well as inkjet ink utilizing metal nanoparticles was a huge success.
Subsequently we started testing in the area of Printed Electronics, developing our inkjet system to mould wiring and electronic circuits. Furthermore, we plan to offer total inkjet systems to match the great variety of customer demands; everything from the trial manufacturing of various metal nanoparticle inks to graphing systems adequate for all cases.

Outside Japan

Spreading our technological development to the world.



Extending our latest technology to China.

Kishuu Technology (Shanghai) Ltd.

Company Name: Jizhou Printing Technology (Shanghai) Co.,Ltd. is a subsidiary of Kishu Giken Kogyo Co., Ltd., and handles everything from manufacturing to sales for inkjet printers in China and South East Asia. We are involved in extensive development outside Japan, with 12 business offices (Shenyang, Beijing, Qingdao, Zhengzhou, Shanghai, Nanjing, Wuhan, Nanchang, Xiamen, Changsha, Chengdu, Guangzhou) and 10 sub-branch offices (Taiyuan, Xi'an, Chongqing, Harbin, Tianjin, Shijiazhuang, Hangzhou, Xinjiang, Changchun, Luohe) established in China. From China, we have created agencies in Malaysia, Thailand, Singapore, Indonesia and Taiwan.

Bringing KGK Technology to India.

CHENNAI

Company Name: KGK Jet India Private Limited
With a head office location in Chennai City in the southern part of India, we have established a factory of approximately 6,000 sq m. Sales promotion is done on-site, where we both manufacture and sell. There are 4 business offices established (Chennai, Mumbai, Kolkata, Delhi) as of 2013. We are establishing agents in various countries with sales territories including the Middle East, Africa and Europe.

KGK JET excellent reliability and ease of use

Product Line Up

C Series, Quick-drying Ink

Complete support for all feature inks

KGK JET CCS3000

Overthrowing notions of 'bottom-of-the-line'

KGK JET CCS-R

Direct character printing on tablets

Tablet printer

HQ Series, Clear Printing of Large Characters

High resolution at 600dpi

KGK JET HQ8000

World largest characters: Max 100mm

KGK JET HQ256

Ink Cartridge IJP

KGK JET HQ1000

Roller Coder Series, the stamping machine boasting Japan's No.1 Share

Domestic Stamping Machine No.1

TQ-301

Stamping on small cases

RT-400

For more than 2 types of cases

FT-401

Printed character inspection system PK Series, high precision, sharp-eye checking

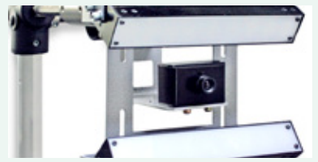
PK has full knowledge of printing

KGK JET CHECKER PK850

Standard Model

KGK JET CHECKER PK400

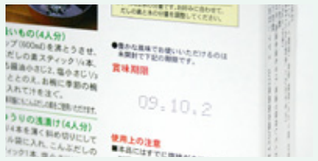
Economy Model



KGK JET CHECKER PK300

Specialty Printing Inks, Optimum Inks developed for usefulness in-house

Inks gentle on the environment



Water-based Ink, CP108

Our talked-about edible inks

High-grade Charcoal Ink, CP602

Metal nanoparticle inks for wiring

KGK NANO INK AGK103

KGK JET
Marking Solution—For Reliable Marking

Delivery Record

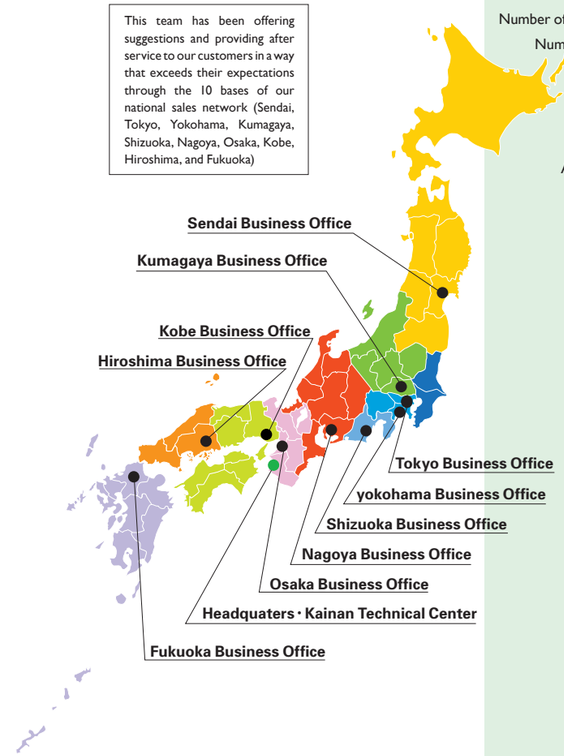
KGK JET State-of-the-art Specialist Printing Systems

JA Kihoku Kawakami,
Katsuragi Central Total Fruit Sorting Factory

Profile

Corporate Name	Kishu Giken Kogyo Co. Ltd.
Head Office	466 Nunohiki Wakayama-city Wakayama-pref. 641-0015
	TEL +81-(0)73-445-6610 FAX +81-(0)73-448-2005
	URL: http://www.kishugiken.co.jp/
Sendai Business Office	36-1 Shinbashiminami Koriyama Taihaku-ku Sendai-city Miyagi-pref. 982-0003
	TEL +81-(0)22-748-1556 FAX +81-(0)22-247-1988
Tokyo Business Office	3-41-13 Mukojima Sumida-ku Tokyo 131-0033
	TEL +81-(0)3-3624-2111 FAX +81-(0)3-5608-7277
yokohama Business Office	3-20-12 Shinyokohama Minatokita-ku Yokohama-city Kanagawa-pref. 222-0033
	TEL +81-(0)45-478-0696 FAX +81-(0)45-473-3140
Kumagaya Business Office	852 Kamino Kumagaya-city Saitama-pref. 360-0012
	TEL +81-(0)48-520-3110 FAX+81-(0)48-527-8141
Shizuoka Business Office	2-1-10 Nishinakahara Suruga-ku Shizuoka-city Shizuoka-pref. 422-8053
	TEL +81-(0)54-284-3526 FAX +81-(0)54-284-3559
Nagoya Business Office	3-96 Issha Meito-ku Nagoya-city Aichi-pref. 465-0093
	TEL +81-(0)52-704-0505 FAX +81-(0)52-709-1220
Osaka Business Office	8-10 Toyotsucho Suita-city Osaka pref. 564-0051
	TEL +81-(0)6-6330-6651 FAX +81-(0)6-6378-1203
Kobe Business Office	4-24-19 Manabugaoka-Tarumi-ku Kobe-city Hyogo-pref. 655-0042
	TEL +81-(0)78-787-7477 FAX +81-(0)78-783-1050
Hiroshima Business Office	2-17-2 Nakahirocho Nishi-ku Hiroshima-city Hiroshima-pref 733-0012
	TEL +81-(0)82-532-3300 FAX+81-(0)82-231-6800
Fukuoka Business Office	1-3-14 Yutaka Hakata-ku Fukuoka-city Fukuoka-pref. 812-0013
	TEL +81-(0)92-482-6303 FAX +81-(0)92-477-3504
Kainan Technical Center	1-1 Minamiakasaka Kainan-city Wakayama-pref. 642-0017
	TEL +81-(0)73-483-3141 FAX +81-(0)73-484-2084
Founding Date	1968.12.27
Capital	10 million yen (stockholder capital 3,540 million yen)
Business Description	Production and Sales of the following items:
	Inkjet Printers and Roller Corders automatically marking expiry date,lot number, logo, bar-code, QR code, etc. on cardboard, building mate-rial, parts, food, etc while on production line. Printed character inspection system, Equipment of Conveyors/Control Panels, Ink and Software.
President & Representative Director	Toshiyuki Kamanaka
Sales amount	4.5 billion yen (2012 fiscal year)
Number of client companies	27,000 (actual results)
Number of employees	180 (2012 fiscal year)
Financing Banks	Kiyo Bank Headquarters
	Shokochukin Wakayama branch
	Mitsubisi Tokyo UFJ Bank Wakayama branch
Fiscal Year End	30 November
Affiliate Company	Jizhou Printing Technology (Shanghai) Co.,Ltd.
	Head Office/ NO.3 BAOSHENG ROAD,SHANGHAI SONGJIANG INDUSTRIAL ZONE,CHINA
	TEL 0086-21-57742020 FAX0086-21-57743461
	URL: http://www.jizhou.com.cn/
	Chief Executive Officer/Toshiyuki Kamanaka
	Accountant/Toshiyuki Kamanaka, Zhao Xiqin
	Capital/ 500,000 dollars
	Sales amount/171,260,000 yuan (2012 fiscal year)
	Number of employees/185 (2012 fiscal year)
	Business Office・Sub-branch/22
KGK Jet India Private Limited	
	Head Office/ 1/40G, (11) PCM Colony St. Thomas Mount, Chennai 600-016 Tamil Nadu, India
	Chief Executive Officer/Toshiyuki Kamanaka
	Capital/ 200 million yen
	Number of employees/
	Business Office/4

This team has been offering suggestions and providing after service to our customers in a way that exceeds their expectations through the 10 bases of our national sales network (Sendai, Tokyo, Yokohama, Kumagaya, Shizuoka, Nagoya, Osaka, Kobe, Hiroshima, and Fukuoka)



History

Dec.	1968	KGK established as the first domestic pure-play company focused on automatic stamper.
Jan.	1969	automatic stamper for cardboard boxes "PC coder T-301" developed. The basic foundation of automatic stamper laid.
Nov.	1969	PC coder FT type developed and released.
May.	1974	Capital increased to 6 million yen.
Sep.	1976	Numbering style PC coder NTR-600 type developed and released.
Apr.	1982	Tokyo Business Office opened.
Nov.	1984	Capital increased to 9 million yen.
Oct.	1986	Inkjet printer exhibited in Tokyo Pack.
Nov.	1987	Inkjet printer JET7 type released.
Aug.	1989	Development laboratory constructed.
July.	1991	Tokyo Business Office Bldg completed. Tokyo Business Office moved.
Nov.	1991	Inkjet printer HQ type developed and released.
Oct.	1992	Nagoya Business Office opened.
July.	1993	Capital increased to 10 million yen.
Nov.	1993	Continuous inkjet printer CM type released.
Dec.	1995	Kainan Technical Center newly built.
Apr.	1996	Fukuoka Business Office opened.
Mar.	1998	Osaka Business Office opened.
Dec.	1999	Ink for eggs released.
Sep.	2000	Inkjet printer JET HQ500 type released.
Apr.	2002	Inkjet checker PK700 type released.
Aug.	2002	Ink Development Team established.
Oct.	2002	Head Development Team newly established.
Nov.	2002	Kishu Electronics (Shanghai) Ltd. founded.
Oct.	2003	Inkjet printer JET HQ256 type released.
Dec.	2003	ISO9001approval acquired.
Nov.	2004	Inkjet checker PK750 released.
Nov.	2004	ISO14001 approval acquired.
July.	2005	Inkjet printer equippted with our own print head JET HQC type released.
Jan.	2006	Image-recognition system Development Team newly established.
Apr.	2006	Inkjet printer equippted with our own print head JET HQM type released.
Dec.	2006	Inkjet printer JET CCS-N type released.
Jun.	2007	Inkjet printer JET CCS-R type released.
July.	2007	Inkjet checker PK800 type released.
Aug.	2007	Kishu Electronics (shanghai) Ltd renamed to Kishu Jizhou Printing Technology (Shanghai) Co.,Ltd.
Jun.	2008	Shizuoka Business Office opened.
Oct.	2008	Hiroshima Business Office opens.
Mar.	2009	Kumagaya Business Office opened. Ink made from Bincho charcoal released.
Apr.	2009	Inkjet printer JET HQ3200 type released.
Jun.	2009	Inkjet printer JET HQ5100 type released.
Sep.	2009	Inkjet checker PK850 type released.
Dec.	2009	Inkjet printer JET HQ2100 type released.
Jan.	2010	Sendai Business Office opened.
Jun.	2010	Inkjet printer JET CCS3000 type released.
Dec.	2010	PE Development Team founded.
Aug.	2011	Inkjet printer JET HQ500-FC type (Full color printing system) released.
Nov.	2012	Nanoparticle Ink "KGK NANO INK" released.
Jan.	2013	Yokohama Business Office opened.
Feb.	2013	Kobe Business Office opened.
Mar.	2013	Nanoparticle Manufacturing Equipment developed.
Apr.	2013	Inkjet checker PK400 type released.
Sep.	2013	Inkjet printer JET HQ1000 type released.
Oct.	2013	KGK Jet India Private Limited founded.

KGK KGK Co.,Ltd.

Kishu Giken Kogyo Co., Ltd.

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