



LASER PRINTING SOLUTIONS FROM ID TECHNOLOGY



Make Your Mark At Higher Speeds and Lower Costs With Laser Printers From ID Technology



CRYSTAL FONT





Step Up To The Next Generation of Laser Coding

ID Technology, the labeling coding and marking specialists, delivers a comprehensive line of Laser Coding solutions. Our Laser Coding Systems feature technology that has set the standard of performance in much of the world for over 20 years. IDT's compact, user-friendly Laser Coders deliver all the benefits of laser technology – crystal clear imprint quality, low maintenance and lower overall operating cost. Add to that, IDT's revolutionary ultra high-speed Laser Coder, and the result is the most comprehensive line of Laser Coding Systems available in the North American market.

The laser advantage

Superior Imprint Quality

Crystal clear, precise marking that is not affected by dirt, humidity or irregular surfaces.

Low Maintenance

CO2 laser tubes typically last more than 30,000 hours. YAG pumped diode laser tubes have an average life of 15,000 hours, while fiber laser tubes last up to 100,000 hours.

Low Cost of Ownership

Since the laser does all the work, there is no need for costly, hazardous ink, solvent or ribbons.

Marking at the speed of light

IDT Laser Systems are no longer limited by speed. Our SHS Laser Coders utilize digital circuit boards to control the mirrors freeing the laser to mark at super high speeds. This innovation means Laser technology is now an ideal solution for high-speed production lines like those used in the beverage and pharmaceutical industries.

CO² LASER CODERS

iCON/iCONnet

Built with proven, high performance optics, powerful hardware and advanced, low overhead software, the iCON is an affordable entry into laser coding.



- *Marks up to 4 lines on labels, cardboard, PET, glass, coating and wood.*
- *Flexibility to mark in static or dynamic mode.*
- *Integrated touch screen interface, optional remote controller.*
- *Available with optional Ethernet capability.*
- *Available in 10 watt power.*
- *Includes photocell, nose cone protection, stand and mounting bracket.*



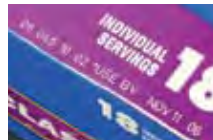
The iCON laser has been specifically designed for small character coding applications in packaged goods and industrial products, where it offers users an affordable laser alternative to inkjet.

IDT K-1000

Ideal solution for customers looking to upgrade to laser technology with limited start up cost.



- *Marks 2 lines text X 7 characters at 600 characters per second on an area from 60mm to 250mm.*
- *Marks up to 4 lines on labels, cardboard, PET, glass, coating and wood.*
- *Flexibility to mark in static or dynamic mode.*
- *Ability to operate with handheld terminal, touch screen or PC.*
- *Available in 10, 30 and 60 watt power.*
- *Available with 10.6 and 9.3 micron wavelengths.*



Reliable, flexible and easy to use, the K-1000 is a cost-effective way to mark your products with clarity and consistency on a wide range of products including cardboard, PET, glass, coating and wood.

IDT Super High Speed K-1000 (SHS)

The Laser Coding System for industries employing high-speed production lines; the perfect marking solution for the beverage and pharmaceutical industries.



- *Prints two (2) lines of text at 16,000 units per minute.*
- *Digital circuit board drives our fast mirror tracking system making super high-speed marking possible.*
- *Consistent, high-quality, permanent marking with guaranteed identification for the lifetime of your products.*
- *Marks on labels, cardboard, PET, glass, coating and wood.*
- *Ability to operate with handheld terminal, touch screen or PC.*
- *Available in 30 and 60 watt power.*



Perfect for high-volume production lines found in the beverage and pharmaceutical industries, the Super High Speed K-1000 series ensures high-quality, permanent marking on a variety of materials.

IDT KIP-1000

Laser Coders with an IP65 Protection Rating, these systems are ideal for harsh production environments subject to dust and frequent washdowns.

- *Marks 2 lines text X 7 characters at 600 characters per second on an area from 60mm to 250mm.*
- *Marks up to 4 lines on labels, cardboard, PET, glass, coating and wood.*
- *Flexibility to mark in static or dynamic mode.*
- *Ability to operate with handheld terminal, touch screen or PC.*
- *Available in 10, 30 and 70 watt power.*



In addition to its flexibility and ease of use, the seamless casing of the KIP-1000 series makes this laser ideal for harsh production environments, reducing maintenance and other operational costs.

IDT S-3000

The S-3000 laser system provides a flexible, economic, easily integrated solution for a wide variety of marking and coding requirements.

- *Marks 2 lines text X 7 characters at 600 characters per second on an area from 60mm to 250mm.*
- *Marks up to 4 lines on labels, cardboard, PET, glass, coating and wood.*
- *Flexibility to mark in static or dynamic mode.*
- *Ability to operate with handheld terminal, touch screen or PC.*
- *Available in 10, 30, 60 and 100 watt power.*
- *Available with 10.6 and 9.3 micron wavelengths.*



Its compact design with adjustable marking head enables this laser to be installed on even the most complex production lines or in tight spaces where other lasers just won't fit.



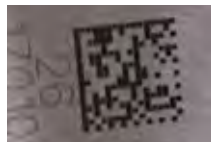
YAG LASER CODERS

IDT D-5000

A compact YAG-based laser system that delivers ultra-fast speed with clear, precision marking and low operating costs.



- *Static or dynamic “on the fly” YAG marking – a result of years of experience in super-high-speed applications and advanced software.*
- *Diode-pumped YAG laser tube requires no maintenance and no consumables.*
- *Imprints bar codes, precision logos and technical drawings on a wide range of materials including metal and plastics.*
- *Ability to operate with handheld terminal, touch screen or PC.*
- *Available in 10 and 20 watt power (air cooled.)*
- *.1064 wavelength (20 watt available in 532 green wavelength.)*



High-speed precision printing capabilities, combined with its low cost of operation, makes the D-5000 ideal for many of today’s demanding production lines.

IDT F-9000

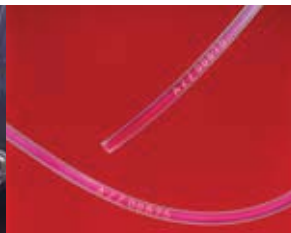
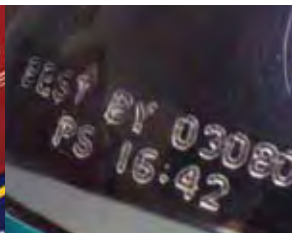
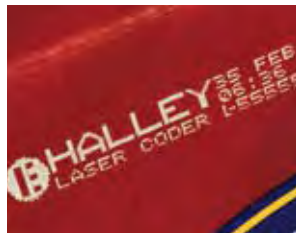
The combination of YAG technology with fiber optics has produced a smaller, more versatile and longer-lasting system that delivers ultra-fast precision marking at lower operating costs.



- *Static or dynamic “on the fly” YAG marking – a result of years of experience in super-high-speed applications and advanced software.*
- *Diode-pumped YAG fiber tube requires no maintenance and no consumables.*
- *Imprints bar codes, precision logos and technical drawings on a wide range of materials from flexible foil and plastics to metal.*
- *Ability to operate with handheld terminal, touch screen or PC.*
- *Available in 10, 20 and 50 watt power, Pulsed or Continuous wave output.*
- *.1064 wavelength.*



Cutting edge fiber optic technology enables high-speed precision printing on most new production materials while allowing a smaller, longer-lasting system that’s easy to operate.



PRODUCT RANGE QUICK GUIDE

CO₂

Series
K-1000

SYSTEM		COOLING		LENSES										
System Type	Power	Type	Power	mm	35 x35	60 x60	75 x75	100 x100	150 x150	200 x200	250 x250	300 x300	800 x800	1200 x1200
				mm	WD 85 FL 95	WD 85 FL 95	WD 115 FL 125	WD 190 FL 200	WD 230 FL 240	WD 310 FL 320	WD 400 FL 410	WD 700 FL 720	WD 1080 FL 1100	WD 1670 FL 1700

iCON/iCONnet	10W	Air	-	BD PD	360 121	-	-	-	-	-	-	-	-	-
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K-1010 SP	10W	Air	-	BD PD	-	360 121	490 71	730 24	-	-	-	-	-	-
K-1010 PLUS	10W	Air	-	BD PD	-	160 485	220 286	350 96	420 54	-	-	-	-	-
K-1030 SP	30W	Air	-	BD PD	-	360 393	490 230	730 137	-	-	-	-	-	-
K-1030 PLUS/SHS PLUS	30W	Air	-	BD PD	-	160 1240	220 730	350 245	420 138	560 78	720 47	-	-	-
K-1060 SHS PLUS	60W	Air	-	BD PD	-	160 2643	220 1560	350 502	420 283	560 156	720 94	-	-	-

Series
KIP-1000

KIP-1010 PLUS	10W	Compressed Air	380 kcal/h	BD PD	-	160 485	220 286	350 96	420 54	-	-	-	-	-
KIP-1030 PLUS	30W	Compressed Air	690 kcal/h	BD PD	-	160 1240	220 730	350 245	420 138	560 78	720 47	-	-	-
KIP-1070 SHS PLUS IP65	70W	Air	-	BD PD	-	160 3120	220 1820	350 590	420 330	560 190	720 94	-	-	-

Series
S-3000

S-3010	10W	Air	-	BD PD	-	160 485	220 586	350 96	420 54	580 38	-	-	-	-
S-3030	30W	Air	-	BD PD	-	160 1240	220 730	350 245	420 138	560 78	720 47	-	-	-
S-3060	60W	Air	-	BD PD	-	160 2643	220 1560	350 502	420 283	560 156	720 94	-	-	-
S-3100	100W	Air	-	BD PD	-	120 9000	-	270 1800	360 1020	480 575	610 350	1060 113	1600 49	-
S-3200	200W 240W	Water	6000 kcal/h	BD PD	-	-	-	180 11700	230 6600	290 3700	400 2250	650 730	990 313	1500 131

YAG

Series
D-5000

	Power	Type	Power	BD PD	mm	60 x60	100 x100	170 x170	200 x200					
					mm	FL 80	FL 160	FL 240	FL 300					
D-5010	10W	Air	-	BD PD	34 11,3	-	67 2,8	101 1,3	126 0,8	-	-	-	-	-
D-5020	20W	Air	-	BD PD	34 22,5	-	67 5,6	101 2,5	126 1,6	-	-	-	-	-

FIBER

Series
F-9000

F-9010 PULSED & FILM	10W	Air	-	BD PD	27 18	-	53 4,5	80 2,0	100 1,3	-	-	-	-	-
F-9020 PULSED & FILM	20W	Air	-	BD PD	27 36	-	53 9,0	80 4,0	100 2,6	-	-	-	-	-
F9050 PULSED & FILM	50W	Air	-	BD PD	27 90	-	53 22,5	80 1,0	100 6,5	-	-	-	-	-

Specifications subject to change without notice.

Standard FL = Focal Length WD = Working Distance in mm BD = Beam diameter in microns
PD = Power Density in W/mm² or DW/mm²

Ambient Conditions 10°C (50°F) to 40°C (104°F) external temperature.

Humidity < 95% non-condensing. No vibrations.

OPTIONAL EQUIPMENT



Split head Laser Peripheral

With the addition of this simple, easy-to-install peripheral, you can extend and redirect the lasing beam into cramped, hard to reach areas of your packaging line. It's available in a variety of standard combinations of elbows and extensions and is compatible with all Series IDT K-1000 and D-5000 Laser Coder models.



Touch Screen

With its proprietary ScanLINUX software this controller allows control of the laser system remotely; resulting in safer operation. Easily integrated, it also gives you easy access for changing parameters on line.



IP65 Touch Screen

Connection via RS-232 allows control of the laser system remotely resulting in safer operation. Easily integrated into your system, this controller gives you easy access to system and message control in static and dynamic applications while its IP65 Protection Rating offers protection in harsh environments.



Key Pad

Connection via RS-232 with ScanLINUX software enables extensive font and message editing and positioning capability as well as time marking, laser system control and more for static and dynamic applications.



System Software

Easy to install, the Marca™ software gives you powerful tools including WYSIWYG design, configurable function keys, barcode editors, font editors and downloads the most common graphic file formats. Includes ODBC (database) features and the ability to network multiple lasers via the Ethernet connection. Also available is 21 CFR Part II capability for pharmaceutical reporting.

The labeling, coding and marking specialists

The most valuable aspect of the IDT Advantage is the support. Our specialists stand ready to help you design a turn-key identification system that meets the needs of your production environment. No matter how big or small your coding requirements may be, we offer a wide range of Laser coders to meet every need. And only IDT has local PMMI-certified technicians that make up our nationwide sales and service network, ensuring that you can count on ID Technology to keep you up and running.



Labeling Coding and Marking Specialists™

ID Technology, 2051 Franklin Drive, Fort Worth, TX 76106
888.438.3242 www.idtechnology.com

