Advantage Fiber Laser Markers

High Speed 24/7 permanent high quality coding, ideal for most applications

DK CODING SOLUTIONS
LASER MARKERS

Intelligent • High Speed • Low Maintenance

- Compact size to integrate into any production line.

- Very low power consumption!

- Prints onto most materials

- Impressive marking speed, of up to 1000 characters per second, or 200m/minute

- IP55 Rated. Enhanced anti-electromagnetic design ensures stable operation in the harshest environment

- Easy to use; The innovative interface is simple to learn. Control the laser with an easy-to-use interface reducing the risk of product rework and recalls.

- High efficiency cooling for low maintenance and a long lifespan

- No consumables required for true 24/7 operation without downtime, saving you money

Fiber Laser Headlines

Principle	Thermal interaction
Focable length deviation	+ / - 1mm
Ambient temperature	Up to 45 degrees C
IP Rate	IP55
Laser tube life	8 years
Smoke	Very little. Extraction not needed

Visible and Invisible Laser Radiation
Avoid eye or skin exposure to direct or scattered radiation
Max average power: 50w • Max pulse energy: 1.1 Mj
Pulse duration: 1-300 ns • Wavelength: 1040-1090 nm • Laser class: 4

TECHNICAL SPECIFICATION

LAF30 FEATURES

> Fiber, 1064nm, MTBF 100,000 hrs

> Laser Power; 30w

> Characters per second; 1000

> Print Speed M/Minute; 200m

> IP55 Rated. IP65 Optional

> Lines; unlimited within marking area

> Height; 0.8mm~Max marking area

> Fonts; 26. Multi-language support

> QR, Code128, Code39 & Data-Matrix Code

> Graphics; BMP/DXF/HPGL/JPEG

> Elements; Point, Linear Arc, Ellipse, Rectangle, Polygon, Circle

> Variables; Serial Number, Text, Date, Time, Counter, Shift Code

> Marking Area (MA); 110x110mm standard. 50x50-210x210 optional
> Focal Lens (FL); 63mm-330mm

MA	50	70	110	140	175	210
FL	63	100	163	210	254	330

OPERATION

> Power; 90-264V AC, 47-63Hz, 800W

> Operating Environment; -6~45˚ C,

> Relative Humidity; 10-90%, non-condensing

> Cooling System; Air Cooling

> 10.1" colour touch screen

> RS232, Ethernet (10/100Mbit), USB

DIMENSIONS

> Laser; 545.3mm x L 96.5mm W x 110.1mm H

> Controller; 420mm L x 300mm W x 180mm H

OPTIONAL ACCESSORIES

> Mounting Brackets

> Safety Guards

> XL Series Air Extractor

> Laser Cabinets

Please refer to the relevant datasheets for more details. Prior to any quotations, we will undertake a site-survey to identify which accessories you need for your set-up.

LAF50 FEATURES

> Fiber, 1064nm, MTBF 100,000 hrs

> Laser Power; 50W

> Characters per second; TBC

> Print Speed M/Minute; TBC

> IP55 Rated. IP65 Optional

> Lines; unlimited within marking area

> Height; 0.8mm~Max marking area

> Fonts; 26. Multi-language support

> QR, Code128, Code39 & Data-Matrix Code

> Graphics; BMP/DXF/HPGL/JPEG

> Elements; Point, Linear Arc, Ellipse, Rectangle, Polygon, Circle

> Variables; Serial Number, Text, Date, Time, Counter, Shift Code

> Marking Area (MA); 110x110mm. standard. 50x50-210x210 optional
> Focal Lens (FL); 63mm-330mm

MA	50	70	110	140	175	210
FL	63	100	163	210	254	330

OPERATION

> Power; 90-264V AC, 47-63Hz, 800W

> Operating Environment; -6~45˚ C,

> Relative Humidity; 10-90%, non-condensing

> Cooling System; Air Cooling

> 10.1" colour touch screen

> RS232, Ethernet (10/100Mbit), USB

DIMENSIONS

> Laser; 545.3mm L x 96.5mm W x 110.1mm H

> Controller; 420mm L x 300mm W x 180mm H

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Thermal Printer Support Ltd

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