



K Series On-The-Fly Laser Printer

CO₂ Laser Marking System

Introduction

Delivering high efficiency and marks close to the primary color. This versatile series offers multi-wavelength options and flexible laser power ranging from 30W to 60W to meet diverse material needs. Built for durability, it features a long lifetime of up to 40,000 hours and offers reliable, cost-effective performance in demanding environments.



Zero Consumables & Low Operating Cost

No ink, solvent or ribbon required. Eliminate cost for consumable purchasing, storage and replacement; avoid nozzle clogging and ink leakage for long-term cost-effective production.



Near-Primary-Color Marks

High-quality, natural-looking marking on a wide range of surfaces.



Clear & Permanent Marks

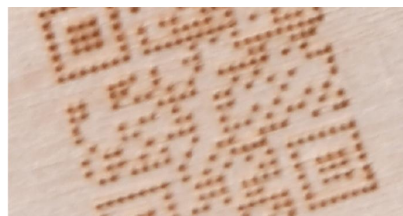
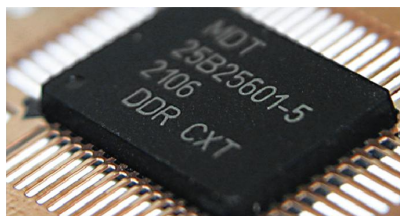
Clear & permanent marks with sharp-cut edges are generated via precise laser ablation. The markings resist abrasion, chemical solvents and high-temperature exposure. No fading or smudging will occur during long-term service of the workpiece.



Up to 40,000h Lifetime, Economical-friendly

Well-proven mature-duty technology, long laser-tube service life and ink-free operation cut running-cost. Capital expenditure is far lower than inkjet and other laser solutions.

Applications



批准文号: 国药准字 Z36021588

产品批号: 12345678

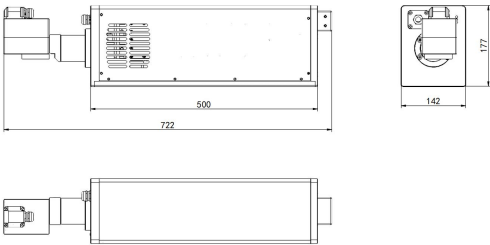
有效期至: 20260218

每1毫升相当于饮片0.99克

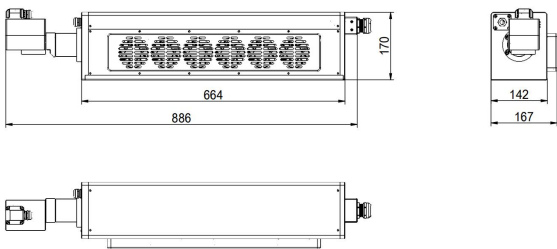
Model		K630	K632	K633	K660
Basic Configuration	Laser power	30W			60W
	Laser type	Sealed metal RF CO ₂ laser source			
	Laser wavelength	10.6μm	10.2μm	9.3μm	10.6μm
	Mark field	Standard: 90mm x 90mm, maximum: 400mm x 400mm			
	Positioning method	Red-light positioning			
Marking Features	Writing speed	900 characters / second			
	Production line speed	0~189m/min (varies according to materials and printing contents)			
	Image format	BMP/DXF/HPGL/JPEG/PLT			
	Code type	Code128A, Code128B, Code128C, Code39, Code93, Ean13, PDF417, 01 Code; QR, DM, GS1-DM, AztecCode, HanxinCode, DotCode			
	Lines of characters	No limits within mark field			
System Features	Operating system	Linux			
	Type of drawings	Both dot matrix and vector			
	Language	Chinese Simplified, Chinese Traditional, English, German, Spanish, French, Italian, Japanese, Korean, Portuguese, Hindi, Russian, Turkish, Arabic, Persian, etc.			
	Interfaces	RS-232C / USB2.0 / Ethernet, I/O			
Structure and Conditions	Machine material	Anodized Aluminum (Laser Head) & Stainless Steel (Control Unit)			
	Power supply	220VAC 50/60Hz (110VAC 50 / 60Hz optional)			
	Power consumption	≤800W			≤1175W
	Machine weight	33kg			44kg
	Cooling system	Air-cooled			
	Dimensions	722mm x 142mm x 177mm (Laser head) 382mm x 160mm x 403mm (Control box)			886mm x 167mm x 170mm (Laser head) 382mm x 160mm x 403mm (Control box)
	Working conditions	5-40°C; 30%-85% RH (No-condensing)			

Dimensions (mm)

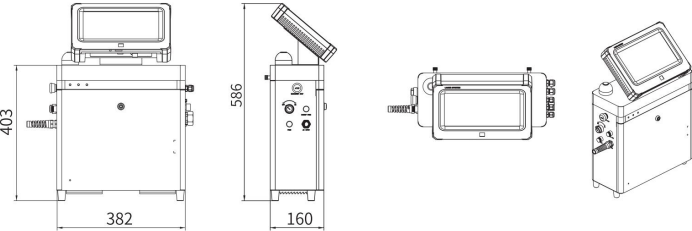
30W Laser Head



60W Laser Head



30W / 60W Control Unit



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Portal to official website