

laserSYSTEM



iCON / iCON net

Laser technology from KBA-Metronic GmbH:
clean, fast, affordable.



The iCON laser has been specifically developed for small character coding applications where it offers users a favorable alternative

Your chance to change:
reliable, easy, competitive





Compact design and easy installation

- 1 LED status indicator:
green = ready to print
blue = printing
red = alarm, laser unable to print
- 2 integrated 5.7" hi-res. touch screen,
WindowsCE based, external touch screen
available
- 3 Emergency stop

The compact and easy-to-use system is contained within a single case, giving simple connectivity and easy integration onto any production line. The adaptable and flexible mounting system facilitates easy installation. The laser system is air cooled, no external compressed air or water required.



Easy to use and easy to service

- Intuitive user interface
- Fast configuration
- Editor to create plain writing messages (e.g. sequential numbers, time, dates, lot numbers etc.)
- Max. 4-lines, work area max. 30 x 30 mm
- Preview messages function to help users to select the right message
- Static or dynamic printing
- Variety of fonts incl. vector, OCR, Crystal font
- Quick start-up and shut-down
- Simple and reliable system
- iCON net: can be networked, the optional available MARCA Lite PC software allows for high flexibility



Ideal for small character coding applications for packaging, packed and industrial goods

- Food industry: food, snacks, dairy, fresh or frozen, single-serving or food service packs
- Cosmetics industry: skincare and haircare, creams, lotions, perfumes etc.
- Industrial sectors: electronics, automotive, toys, housewares, sports equipment, textiles, etc.

The laser system can mark both stationary and moving products. Substrates include: paper, cardboard, plastics such as PET, PVC or PP, PA, glass, ceramics, wood and coated and anodized metals.

Advantages of the iCON laser:

- it is reliable and requires little maintenance
- it is compact designed and easy to install
- it is easy to use: integrated touch screen, WYSIWYG, intuitive operation
- it creates consistent, high quality marking
- it is ecologically sound: no solvent emissions, keeping the environment clean and minimizing the Maximum Allowable Concentration (MAC)
- it is economical, saving time and reducing costs: laser systems run without consumables
- it is affordable: competitive purchase costs with low overheads

Technical data:

Power:	10 Watt / 30 Watt		
Supply:	115 V / 230 V, 50 / 60 Hz, 1 Phase + N 300 VA (10 W) / 1 Phase + N 650 VA (30 W)		
Net weight:	10 kg / 12 kg		
Laser head:	laser, scanner, power supply, control electronics and computer integrated in the laser system, sealed CO ₂ laser tube / R.F. technology, wavelength: 10.6 µm		
Beam exit:	90°		
Operation:	touch screen with ScanLinux Software, iCON Net: touch screen + optional PC software with Windows interface (2000/XP/Vista/7). Simple text creation, freely selectable font size, various date and time formats, consecutive numbering or text adjustment, logos or graphics can be loaded in DXF format, MFF fonts, Unicode fonts, dot fonts 7x5, 5x5		
Coding field:	focal length	work area	beam diameter in focus
	100 mm	30 x 30 mm	< 360 µm (Standard)
Cooling system:	integrated air cooling		
Environment:	external temperature + 10° to + 41° C, humidity max. 95 %, non-condensing, no vibrations		
Dimensions (L x W x H):	iCON i-1010: 633 x 126 x 183 mm, iCON i-1030: 725 x 184 x 237 mm		
Options:	fume extractor, floor stand, alarm kit, lens protector, external touch screen, encoder kit, photocell kit, safety cover		
Interfaces:	I/O, RS 232, (only iCON net: Ethernet)		

Founded in 1972, KBA-Metronic GmbH is a medium-sized company with approximately 300 employees and has been adopted a subsidiary of Koenig & Bauer AG in 2004. KBA-Metronic specializes in the development, design, production and marketing of printing, coding and marking technology.

As a total coding solutions provider, KBA-Metronic is at the fore of the very latest market developments and totally in touch with customer needs. KBA-Metronic GmbH has a consistent policy of product optimization which will secure its long-term status as a leading coding technology provider.

The KBA-Metronic marking devices are used in industries worldwide. Applications for all KBA-Metronic coding technologies including laser, ink jet, hot stamp and thermal transfer can be found in market sectors such as automobile, food processing and pharmaceuticals – all are supplied from our facilities in Veitshöchheim.

Laser technology from KBA-Metronic GmbH

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