

Ikonmac U100 UV LED printer



U 100 the UV led printing system, the most user friendly coding and marking printer ever.

***INK NEVER DRIES IN THE HEAD *HEAD SHOULD NEVER BLOCK, ACCIDENT FREE, THE XAAR HEAD WILL HAVE MANY YEARS OF LIFE*THE INK DRIES INSTANTLY PASSING THE UV LAMP.**

A Simple to use economical UV printer with a thermostatically controlled 18mm XAAR® 126 print head

22x 30mm UV LED curing lamp



1 uv curing lamp, 2 power transformer ,3 lamp time control automatic on /off timed controlled UV

lamp triggered by a photocell .



Features and benefits

The UV 100 High res printer and UV curing lamp

* Almost zero maintenance . just switch on and print , no shut down , almost no cleaning . Even after being not used for several of months, only a quick spray of the print head and a little purge is required for a perfect first print.

* 45 meters a minute 3 prints a second , 18mm print height up to 16 lines of print from 1mm -18mm

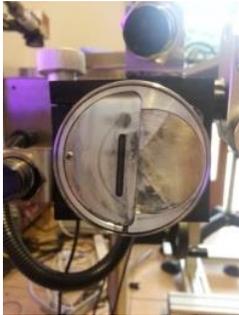
- * keypad message making or winjet /myjet PC software for complete message design in any language or font
- * Real time information, barcodes QR and datamatrix
- * PLC connection for external files, data
- * Very economical ink consumption (up to 50,000,000 letters 3mm per 100ml of ink) .
- * Hardly ever needs to be purged or cleaned..Virtually no wasted ink . (at least a 20% economy in comparison with solvent inks). Just replace the 100ml ink cassettes , no expensive throw away cartridges that include a print head The xaar head if accident free will last for years .
- * Suitable for nearly every flat material porous nonporous , the surface can be even slightly damp or uneven.
- *The UV LED ink black or white ,is solvent, petrol, oil, alcohol, bleach and acid resistant. The print is auto clave and refrigeration, freezer, condensation resistant for nearly every material. It is scratch resistant even on cables and pipes. The ink does not dissolve materials like polystyrene cut or formed (fish boxes) .The ink does not migrate on textiles. (Materials may vary so each application will need to be tested).
- * Low temperature use , the heated head will operate in very low temperatures and dry instantly , (for cold store use we can provide an extra ink warmer .)
- * High temperature use up to 50c room temperature . The print head is thermostatically controlled at 48c
- * The UV can be used to replace thermal transfer printers . The cost to print is many times less than ribbons also UV can print on films the TTO will not adhere to . Theu 100 can be fitted to traversing systems for mulitple prints across the web
- * Replace CIJs when instant dry is a nessecity and the line speed is less than 45 mpm .The U100 is a dream to operate in comparison to a CIJ . Ideal in factories where no technican is available .
- * The UV light range of 385 -395 Um UV LED lamp is not dangerous, it requires no special saftey screening . Like the sun , it is highly advisable not to look directly at the light . For added security , it is advised if the lamp is on the side ,like the picture , place the lamp in a position so the light cannot be directly seen or place a small screen directly opposite the the lamp on the conveyor . Perliforal light or reflected light is no hazard . .

The U.V. curing lamp 20 x 30mm.



Simple operation, product passes print head- print- passes lamp- the print is instantly DRY

The 18mm print head has a manual or automatic electronic shutter.



See the simple set up manual for more details .