MAINtag
a TXCOM GROUP brand

READER

LASER® RP130-ATA

Laser Engraving Unit

RFID

Laser

Technology chosen by 50 OEMs

ATA Spec 2000 Ch. 9-5 – TDS 1.11
SINGLE/DUAL/MULTI-RECORD
High & Low memory

APPLICATIONS

FLYtag®, selected by Airbus for the A350 XWB's first RFID parts marking program, has become the standard for the aviation industry. RP130-ATA Laser Engraving Unit is designed for identification and maintenance, repair and overhaul tracking applications throughout the civil and military aircraft and aerospace industries.

ORDER CODE

RP130-ATA EU 869Mhz	12427
RP130-ATA US 915Mhz	12428

Related products

FLYtag® skin Small 2Kbits	12419
FLYtag® skin Small 64Kbits	12420
FLYtag® skin Medium 2 Kbits	12421
FLYtag® skin Medium 64 Kbits	12422
FLYtag® skin Large 2 Kbits	12423
FLYtag® skin Large 64 Kbits	12424
FLYtag® manager	12020
FLYplug® Package	see FLYplug® leaflet

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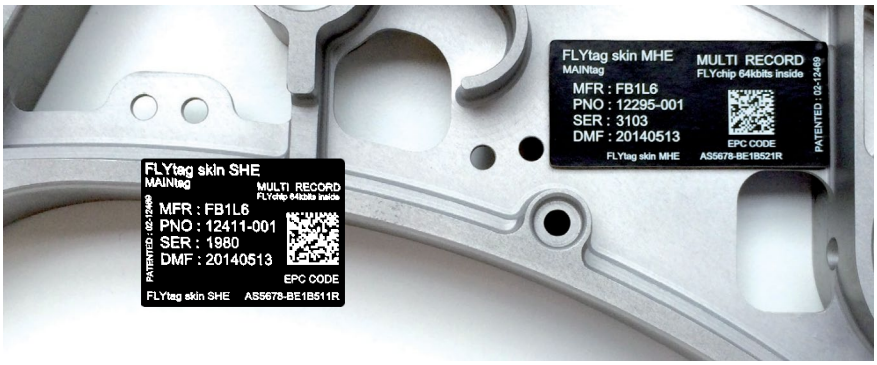
Despite its many advantages, laser marking of durable label film has always been a complicated and expensive process. It required highly-trained operators, a large capital equipment investment, lots of maintenance, and a secured work area for safe operation. MAINtag's new RP130-ATA Laser Engraving Unit is the new RFID parts marking paradigm. Built to be installed on your desktop or workbench, RP130-ATA makes the laser engraving process easy and convenient. It's used just like any other Windows®-based printer.

RP130-ATA RFID Laser Engraving Units contains a high-powered, solid state fiber optic coupled laser and an RFID high performing reader/encoder. The laser either ablates or phase-changes a wide range of specialty label substrates, delivering all the advantages of highly-durable laser label marking but at a much lower cost and with far greater simplicity than ever before.

RP-130-ATA Laser Engraving Unit makes the best-selling FLYtag® flyable RFID parts marking solution the choice of the leading aircraft manufacturers and subsystem suppliers of the aerospace industry. RP130-ATA works with all FLYtag® skin and FLYtag® fiber family as well as all standard UHF RFID tags.

Compliant with ATA Spec 2000 Chap. 9 / TDS 1.11 encoding, the RP-130-ATA is built to mark and encode RIFD tags for low-memory (SINGLE/DUAL-Record) and High memory (MULTI-Record) passive UHF technology supporting ISO 18000-6C and ATA Spec 2000 Chap. 9-5 and Appendix 11 standards.



STANDARD WINDOWS PRINTER

No special operator training is required for RP130-ATA. FLYplug® RFID parts marking software for Windows XP/Vista/7 is design to drive RP130-ATA as a standard windows printer. The machine's compact footprint allows you to place printers where they're needed instead of depending upon a larger, more expensive centralized unit. RP130-ATA meets CDRH and IEC laser safety standards. It includes safety features such as an interlock safety switch on the top cover.

OPTIONAL

Label substrates that generate smoke and fumes require the use of RP130-ATA Filtration System. Optional system is mounted directly underneath the printer and attaches without tools. It has four filtering stages: a pre-bag filter, a large particle filter, a small particle filter and an industrial-grade carbon filter for odor removal. DF 30 RP130-ATA Filtration System lets you safely use the RP130 printer in most office, warehouse and factory environments.

CHARACTERISTICS

Engraving method	Laser diode
Print resolution	300 dpi
Max substrate width	130mm / 5,1''
Standards	ATA Spec 2000 Chap 9-5 Appendix 11 TDS 1.11
Air interface	EPCglobal Gen2 - ISO 18000-6C compliant. 850-960 MHz Low Memory DUAL-Record and High Memory MULTI-Record
Software	FLYplug® RFID ATA parts marking approved software Windows drivers for most label windows-based label design software
Operating System	Windows 7 / 8 / 10
Data interface	USB 2.0 6-pin DIN serial cable
Indicator lights	Power, Pause, Media
Electrical rating	12 VDC, 5.0 A
Power	100-240 VAC, 50/60 Hz
Laser safety certification	CDRH and IEC 60825-1
UI laser certification	Class 1 laser product
Weight	17Kg / 37.5 lbs
Dimensions	438mmW x 231mmH x 438mmD (17.25"W x 9.1"H x 17.25"D)
Option	DF 30 RP130-ATA Filtration system (12429)

Optional DF 30 RP130-ATA filtration system

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