

INDUSTRIAL MARKING BULLETIN

NEW

NEW PRODUCT:

MOPA^{II}

20W

- *Designed for perfect annealing on aluminum*
- *Different colours on steel possible*
- *Automator active fiber technology*
- *Adjustable pulse width and frequency*



The new family of the Automator Active Fiber Laser Marker **MOPA^{II}** designed for perfectly working well in heavy duty industrial environments. **MOPA^{II}** is a state-of-the-art engineering device that combines the best components with interchangeable of parts and options, designed and manufactured by Automator. **MOPA^{II}** is designed for creating a perfect annealing and homogeneous pure black markings on metal surfaces and for clean markings on plastics without over-heating the material. Beautiful and different colours are possible on steel surfaces.

ADJUSTABLE PULSE WIDTH AND FREQUENCY

Automator **MOPA^{II}** allows the operator to reach a perfect and clean black marking on aluminum surfaces (annealing) by adjusting the laser pulse duration from 6 to 200 ns and from 10 to 500 kHz. With the same procedure it's possible to reach different colours markings on stainless steel surfaces. **MOPA^{II}** is also perfect for marking plastics without over-heating the material.

ANNEALING AND COLOURS ON METALS

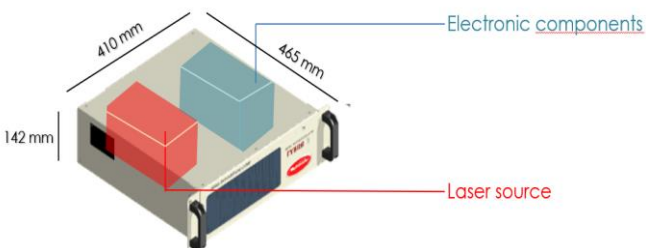


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UDI CODES MARKING

MOPA^{II} is also perfect for creating UDI code markings (Unique Device Identifications), for instance in the form of a data matrix (DM), according to the GS1 standard, in compliance with US and European current regulations for medical tools and devices. UDI code system requires a pure black marking that must be impalpable, permanent, with no imperfections, resistant to corrosion and sterilization processes.



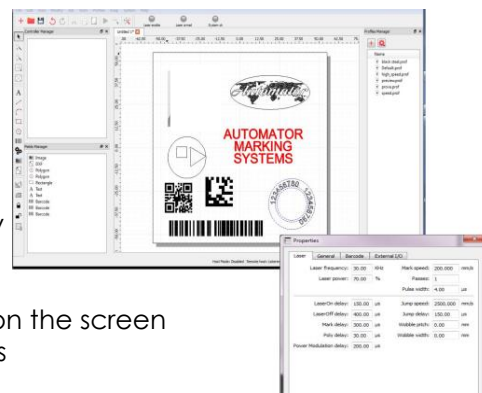
BOX UNIT

All versions of this new **MOPA^{II}** does have the same **Box unit size and layout (410x465x142 mm)** of the **MOPA^{II} lasers**, that set the electronic components and the laser source into separated areas for allowing easier maintenance and service operations.

NEW AUTOMATOR EuGENIUS™ LASER MARKING SOFTWARE – BASIC & STANDALONE

MOPA^{II} is available with the new Automator proprietary laser marking software. Versatile in the applications and friendly to use, even by operators without highly technical specific training, such as CAD knowledge. (More details in the EuGENIUS™ Bulletin)

- Multilanguage menu
- Management barcode "Datamatrix", 2D code, QR code, PDF Queues
- Easy import of raster graphics, BMP, JPEG, JPG, GIF, DXF and vector drawings
- Complete set of laser parameters such as speed or power laser
- Texts, Text arcs, text on curved lines,
- Lines, rectangles, polygons, circles and arcs
- TTF Font ® (Windows property)
- Graphic preview
- Texts with date, serial numbers, shift codes and year/month/day
- Multi fillings or single profile markings
- Templates (object to be marked as background)
- Proportion scale, move, rotate, group creation of each object on the screen
- Quick Test for an easy identification of the best laser parameters
- Automation & object tiling
- External axis commanded by software
- Shutter control



• Available Safety Class 1 Enclosures: ARENA, REX^{II}, PRIMA, SUPERIOR

• Official product number: 80101000144

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