

Product Information Guide

Roland METAZA® MPX-95 Impact Printer



METAZA

MPX-95

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What You Need to Know

The new MPX-95 photo impact printer is the most versatile addition to the METAZA family ever. With a host of new options, the METAZA MPX-95 can be customized to meet the demands of a wide array of impact printing applications on materials like gold, silver, platinum, stainless steel, titanium and acrylic. Everything from gift personalization and award customization to commercial Direct Parts Marking (DPM) and advanced medical Unique Device Identification (UDI) marking can all be achieved with this single platform.

Efficient and easy-to-use, the MPX-95 delivers photo realistic results quickly, quietly and cleanly. Unlike rotary or laser engraving devices, the MPX-95 imprints without removing any material from the printing surface, so there's no debris or mess. This is an important factor, especially when imprinting on precious metals or marking surgical instruments in medical environments. In addition, no daily maintenance, special power or ventilation is required. Each MPX-95 comes bundled with powerful, user-friendly METAZA Studio software, which makes it simple for users to incorporate photos, fine text and other graphic elements into their designs.

The MPX-95 base model is suitable for a wide variety of imprinting applications. Customers can upgrade the MPX-95 platform with optional application-specific accessory kits to further enhance its capabilities. The GK-1 Gift Marking Kit and the DK-1 Direct Parts Marking Kit were developed specifically for their respective markets, maintaining base model affordability while offering value-added machine customization options.

MSRP:

MPX-95 Impact Printer	\$4,995 USD
GK-1 Gift Marking Kit (optional)	\$1,395 USD
DK-1 Parts Marking Kit (optional)	\$4,495 USD

What should you tell your customers about the MPX-95?

- Imprints photo-realistic images onto materials such as gold, silver, platinum, stainless steel, titanium and acrylic
- High-resolution print head with diamond stylus for marking hard metal and other materials of up to 200 HV (Vickers Hardness)
- No-mess direct impact marking produces no metal debris or harmful fumes
- Small portable desktop platform (11.3" W x 15.1" D x 12.2" H) maximizes workspace
- Bundled with easy-to-use METAZA Studio and Dr. Engrave software
- Printable area of 3.2" x 3.2"
- Removable base allows for impact printing on materials up to 2.8 inches thick
- Clear enclosure designed for quiet operation can be opened for larger workpieces

- Laser pointer for quick and accurate workpiece alignment
- Removable grid table with silicone pad to align and secure small parts
- Two optional application-specific accessory kits for giftware and DPM/UDI parts marking
- USB connectivity
- One-Year Trouble-Free Warranty

Key Features and Benefits

Compact, Quiet and Portable

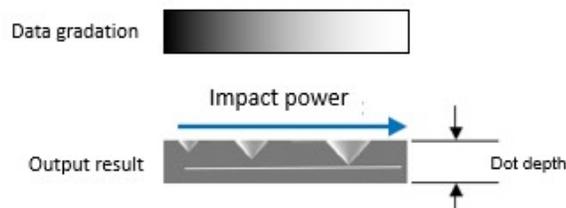
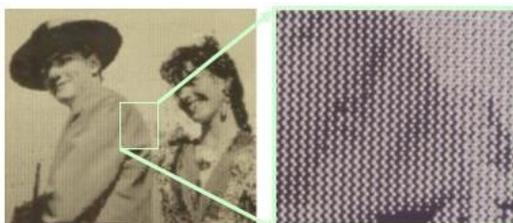
The MPX-95 photo impact printer runs quietly, cleanly and safely in any gift shop, retail store, kiosk or manufacturing environment. This compact, portable device can be taken virtually anywhere for the on-site production of personalized giftware, making it ideal for craft fairs, pet shows and other special events.

No Mess, No Hassle, High Profit

With the MPX-95, you can customize highly profitable, one-of-a-kind creations from materials like gold, silver, platinum, stainless steel and titanium. Its user-replaceable MPH-90 print head boasts a durable diamond-tipped stylus that strikes the material with unsurpassed speed and precision, allowing for accurate reproduction of even subtle gradations and detailed text. Plus, the MPX-95 does all this without the mess of traditional rotary engravers or the potentially harmful fumes associated with laser marking.

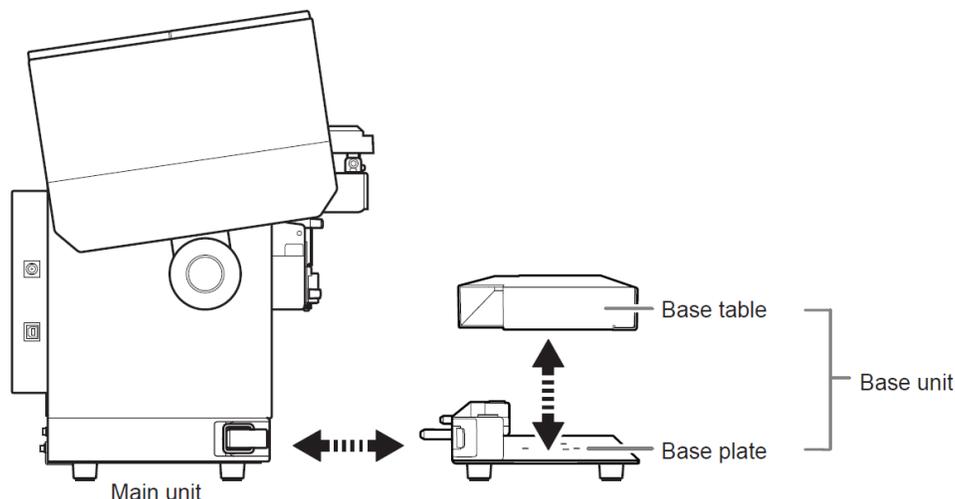


MPH-90 Print Head



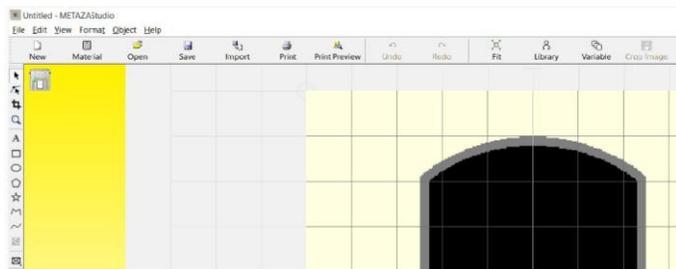
NEW Versatile Removable Table and Base Plate

Users can expand the MPX-95's profit-making potential in seconds. The base of the device can be removed easily, enabling the MPX-95 to imprint onto large items such as golf clubs, metal vases, and industrial parts.



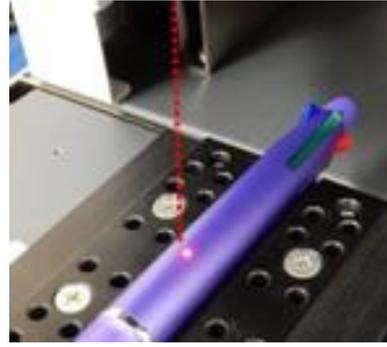
Easy-to-Use Software Included

The MPX-95 comes with powerful, user-friendly METAZA Studio, design software, making it simple to achieve great results. METAZA Studio accepts artwork, designs and photos from a wide variety of sources, including digital cameras, mobile phones, and bmp, jpg or Adobe® Illustrator® files. With the MPX-95, you can choose from a selection of TrueType fonts, or create your own single-stroke or fill fonts. For added impact, you can wrap text around an arched line or the contours of your design. The MPX-95 also features included Dr. Engrave software, which uses variable data created in txt. or csv files to produce serial number plates for product identification and tracking. The MPX-95 Head Manager utility makes replacing and calibrating the print head quick and easy.



NEW Laser Pointer Alignment

The MPX-95 comes standard with a built-in laser pointer to take the guesswork out of positioning your workpiece. Operators can easily identify where the center of their image will be printed on almost any material, ensuring optimum precision and alignment.



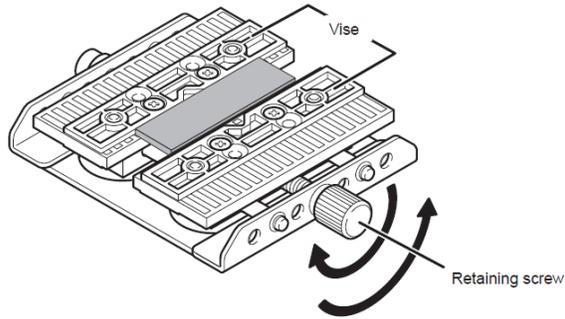
NEW Optional Accessory Kits

GK-1 Gift Kit

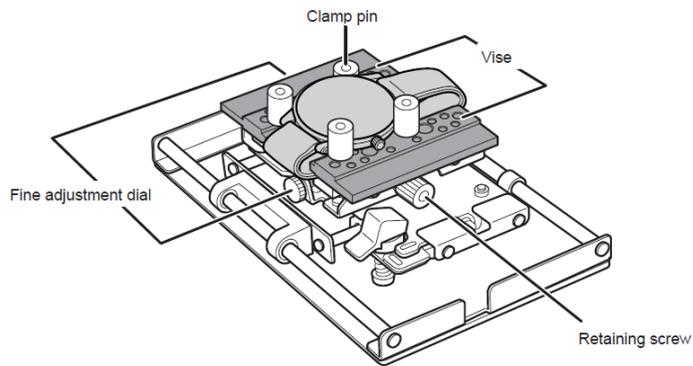
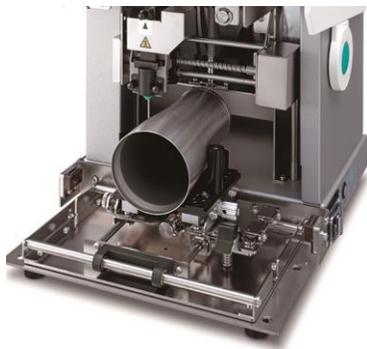
		
	Movable Center Vise (1)	Head Caps (round bottom) (30)
		
Clamp Pins (4 large, 4 small)	Using the Gift Kit	

All of the items shown above are included in the optional GK-1 Gift Kit.

Center Vise



Movable Center Vise with Clamp Pins (Gift Marking Applications)



Note: Fixtures shown in photos above available with optional Gift Kit only.

DK-1 DPM Kit

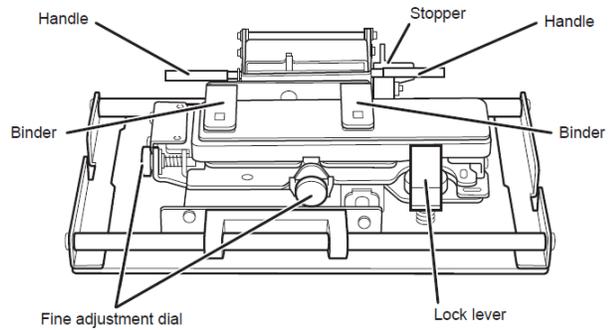
Direct Parts Marking - DPM

Medical Unique Device Identification - UDI

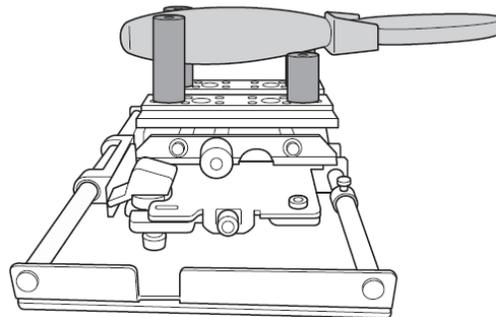
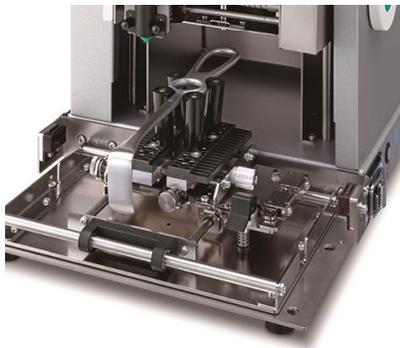
	 <p>Movable Center Vise (1)</p>	 <p>Clamp Pins (4 large, 4 small)</p>
 <p>Head Caps (round bottom) (30)</p>	 <p>Head Caps (flat bottom) (30)</p>	 <p>Roland Software Package CD (1)</p>

All of the items above are included in the optional DK-1 DPM Kit.

Pinching Vice

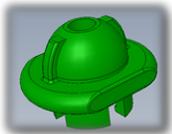


Moveable Center Vise and Clamp Pins (DPM and UDI Applications)



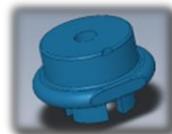
Note: Fixtures shown in photos above available with optional DK-1 DPM Kit only.

Head Caps



Round Head Caps

This type of head cap can easily track curved surfaces or slopes, making it suitable for imprinting on these surfaces. However, round head caps tend to wear out faster than flat head caps.



Flat Head Caps

This kind of head cap is suitable for imprinting on flat surfaces. Since it cannot track curved surfaces or slopes well, it is unsuitable for imprinting on these surfaces. Flat head caps have higher wear resistance against imprint surfaces and can be used for a longer period time.

DPM/UDI Software

2D Symbol Libra D Symbol Library with Enhanced Variable Data Capability

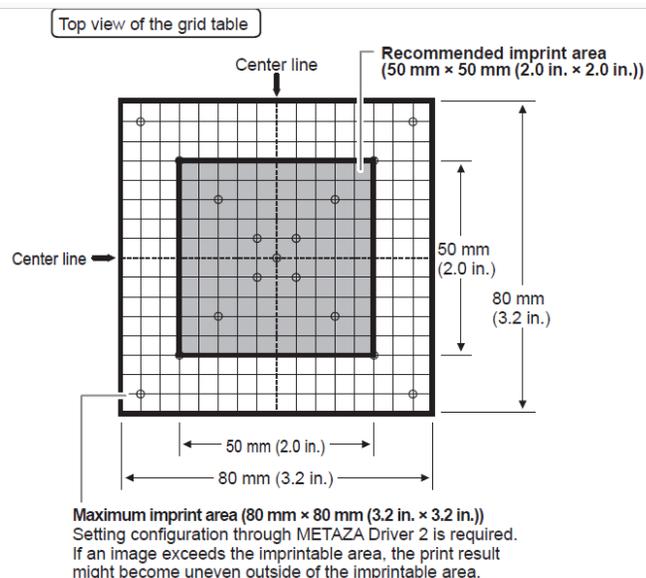
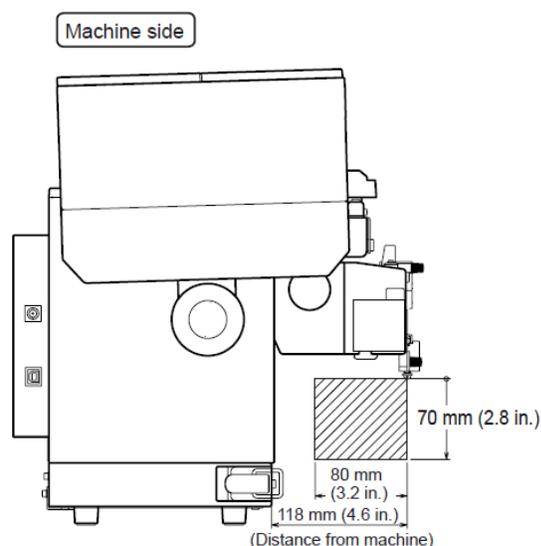
- Data Matrix ECC200 Square Symbol
- Data Matrix ECC200 Rectangle Symbol
- GS1 DataMatrix Square Symbol
- GS1 DataMatrix Rectangle Symbol
- QR Code



Specifications

Imprintable material	Gold, silver, copper, platinum, brass, aluminum, iron, stainless steel, etc. (Vickers hardness [HV] of the imprint surface must be 200 or less.)	
Loadable material size	Using a base table + base plate: Max. 3.9 in. (W). X 7.9 in. (L) X 1.6 in. (H) (100 mm (W) X 200 mm (L) X 40 mm (H)) OR Max. 7.9 in. (W). X 3.9 in. (L) X 1.6 in. (H) (200 mm (W) X 100 mm (L) X 40 mm (H)) Using a base plate only: 3.9 in. (W) X 7.9 in. (L) X 2.8 in. (H) (100 mm (W) X 200 mm (L) X 70 mm (H)) OR 7.9 in. (W) X 3.9 in. (L) X 2.8 in. (H) (200 mm (W) X 100 mm (L) X 70 mm (H)) <i>*The above are for when the cover is closed. When the cover is open, there is no limit on how large the material can be, but the imprint area of the material must be placed within the imprint area.</i>	
Imprint area	Maximum Imprintable Area	Max. 3.2 in. (W) X 3.2 in. (L) X 2.8 in. (H) (80 mm (W) X 80 mm (L) X 70 mm (H))
	Recommended imprint area	2.0 in. (W) X 2.0 in. (D) X 2.8 in. (H) 50 mm (W) X 50 mm (D) X 70 mm (H)
Resolution	High-resolution: 529 dpi, Photo: 353 dpi, Text: 265 dpi, Vector: 1,058 dpi	
Imprint direction	Unidirectional imprinting or bidirectional imprinting (Selectable with Windows driver)	
Imprint speed (Default)	Photo: 2.0 in./sec (50 mm/sec), High-Resolution/Text: 1.2 in./sec (33 mm/sec), Vector: 0.94 in./sec (24 mm/sec)	
Interface	USB	
Power requirements	Dedicated AC adapter	AC 100 to 240 V \pm 10%, 50/60 Hz
	Main unit	DC 19 V, 1.2 A
Power consumption	Approx. 21 W	
Operating noise	70 dB (A) or less	
Operating temperature	50 to 86°F (10 to 30°C)	
Operating humidity	35 to 80% (no condensation)	
External dimensions	11.3 in. (W) x 15.1 in. (D) x 12.2 in. (H) 286 mm (W) x 383 mm (D) x 308 mm (H)	
Weight	12 kg (26.5 lb.)	
Included Items	AC adapter, power cord, test-use material, USB cable, Roland Software Package CD-ROM, user's manual, etc.	

Printable Area



The MPX-95 offers unmatched reliability and post-sales support that includes a one-year warranty. Enjoy the benefit of certified service engineers to ensure that your device is always up-and-running and a dedicated online and telephone support staff who can answer all your questions and concerns.

Summary

The advanced functionality and versatility of the MPX-95 make it ideal for a range of gift personalization applications as well as medical and industrial parts marking. Perfect for gift shops and kiosks, it allows users to easily imprint photographs, vector graphics and text on everything from pens, smart devices and jewelry to golf clubs, trophy plates and dog tags. Within healthcare environments, the MPX-95 can serve as a highly effective UDI (Unique Device Identification) barcode impact printer, allowing the user to easily imprint individual instruments with a serial number, 3D symbol or other marking to better manage stock availability, location, usage history and maintenance records.

With demand growing in the retail market for customized products, and increased regulation within the medical market requiring the marking of surgical instruments, we see the potential for significant MPX-95 sales revenue over the next few years. In addition to MPX-95 base unit sales, we expect the optional MPX-95 Gift and DPM kits to produce lucrative supplemental sales within the retail and medical markets, respectively.