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Advanced Anodized Aluminium PrintingRedefining durability and design with the digital. Anojet anodizing printing process.HistoryMantel Eloxal was founded 80 years ago by Heinrich Mantel Senior in Zurichand is now run by Jon-Andri Mantel, the third generation of the family.Over the years, Mantel Eloxal AG has developed the unique Anojet printing technology. With Anojet printing technology, precision, stunning colors, durability, and an aluminum oxide top layer are achieved. This top layer is harder than glass and sets new standards in digital printing on anodized aluminum. Mantel Eloxal integrates pioneering technology to transform anodized aluminum into a canvas for limitless creativity and resilience, perfect for the most demanding environments.And because we print up to 32 layers and completely fill the open pores with ink in the anodized aluminum, the result is a top layer of aluminum oxide, harder than glass with:Chemical ResistanceAnti-GraffitiFire

ResistanceAbrasion ProofHigh UV ResistanceScratch Resistance
ProductsChoose the printing system specification that suits your needsUser

Interface

LC display, multilingualMedia Thickness

Supports 0.2 mm to 40 mm media thickness.Max Work Area

1100×750 mm / 1100×1200 mm / 1605×1200 mm / 2020×1190 mm.Resolution
up to 1440×1440 dpi

Applications - Across IndustriesNameplates

Customized nameplates for industrial applicationsSigns in public spaces

Highly visible, durable signage for public and urban spaces.Interior design

Elegant, high-quality prints for sophisticated interior design projectsArt + design

Highest resolution, sharp edges, beautiful colors combined with high-quality
aluminum materialKitchen and Bathroom
Elegant, durable prints for sophisticated interior design projects.Industrial labels
Individualized barcodes and labels for the most demanding industrial
environments.

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