

XPRESSMARK | MOPA[™]

Laser Marking System by **TELESIS**[®]



Powered by MOPA
fiber technology for
unmatched versatility



Permanent, precise
marks on metals,
plastics, and packaging



Adjustable pulse widths:
plastic engraving and
full-color stainless steel



Ultrafast marking
and MOTF available



Engineered for long
service life with minimal
maintenance needs

TELESIS.COM • 800-654-5696

GET A FREE **SAMPLE MARK** • SCHEDULE A **DEMO** • REQUEST A **QUOTE**

The Laser that Marks the Most™

Your production line moves fast — and your marking system should too. XpressMark® MOPA is built to deliver consistent, permanent marks on metals, plastics, packaging, and more. With adjustable pulse widths, you can create everything from deep engravings to color marks on stainless steel.

KEY FEATURES

MOPA TECHNOLOGY

Adjustable pulse widths for more marking options



FLEXIBLE CONFIGURATIONS

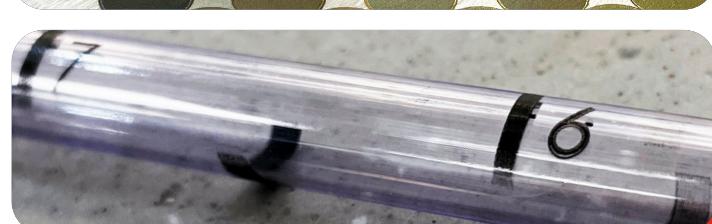
30W, 60W, or 100W power levels

Options for Vision and Vari-Z 3D focus heads



HIGH SPEED

Ultrafast marking and MOTF available



COMPACT & MODULAR

Marking head integrates easily into production lines

SIMPLE TO OPERATE

Embedded controller with Merlin® II LS software

LOW MAINTENANCE

Air-cooled design, sealed optics, minimal upkeep

WHERE IT WORKS

TRUSTED WORLDWIDE FOR
PERMANENT MARKING IN:

PACKAGING & FOOD AND BEVERAGE

Aluminum cans, chipboard, canning lines

MEDICAL DEVICES

Surgical tools, annealed marks for compliance

ELECTRONICS & SEMICONDUCTORS

PCBs, components, serial numbers

AUTOMOTIVE & AEROSPACE

Injection molds, robotics, aerospace parts

CONSUMER PRODUCTS

Branding, barcodes, logos, traceability codes

SPECS SNAPSHOT

LASER TYPE

Ytterbium fiber (1055–1075 nm)

PULSE WIDTH

2–500 ns adjustable

POWER OPTIONS

30W | 60W | 100W

DELIVERY

5 m armored fiber-optic cable

COOLING

Air-cooled (no chiller required)

CONTROLLER

Embedded or non-embedded PC
with Merlin® II LS software

CERTIFICATIONS

Certifications: CE, CDRH



***Let's build the right
solution for your
production line***

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telesis.com

SCAN ME



PROVEN. PRECISE

For over 50 years, Telesis has been the trusted name in permanent marking solutions. As part of Hitachi, we deliver global reach with local expertise — helping manufacturers in automotive, aerospace, medical, electronics, and packaging achieve reliable, compliant, and high-speed product identification.

The XpressMark® MOPA system is the **latest in our line of fiber laser solutions, engineered to deliver flexibility, speed, and uptime in demanding environments**. Whether you're marking serial numbers, barcodes, logos, or traceability codes, Telesis lasers keep your production moving.



WHY TELESIS

- Over 250,000 systems installed worldwide
- Backed by a global support network
- Experts in integration with conveyors, robotics, and automated lines
- Broadest range of marking technologies — from dot peen to CO₂, UV, and fiber lasers

TELESIS[®]

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