

SELECTION GUIDE

Choose for the job.

Enclosed floor workstation

Fyxfer

FY-LMM01-C

Enclosed Laser Marker



01

Check part access first

Confirm the door opening and internal room for the largest part and fixture.

02

Test the material

Approve a sample on the exact material, coating and color.

03

Define the mark

Share mark size, detail, position and the required cycle time.

MODEL TIP

Check door access, fixture clearance and extraction, then confirm the documented laser-safety configuration.

USEFUL DETAILS FOR YOUR NEXT CHECK

Largest part + fixture dimensions

| INSTALLATION CHECK

Prepare before arrival.

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01

Reserve door clearance

Allow full door movement, service access and extraction routing around the enclosure.

02

Utilities & extraction

Confirm the supplied power and cooling requirements; plan suitable fume extraction.

03

Laser protection

Have qualified personnel validate guarding and safety controls before commissioning.

MODEL TIP

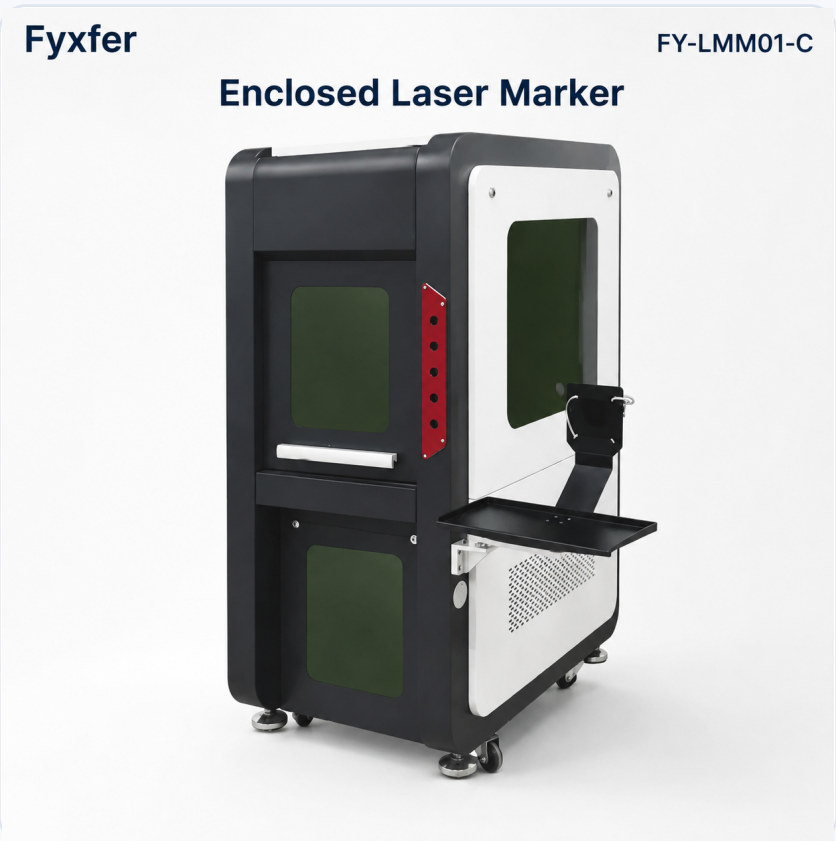
Have the installed enclosure and safety controls validated during commissioning.

USEFUL DETAILS FOR YOUR NEXT CHECK

Door access + extraction route

Make each run repeatable.

Enclosed floor workstation



01

Complete the enclosed cycle

Load safely, position the part and close the guarding before the approved cycle.

02

Load the approved job

Check artwork, variable data and the material recipe before the first piece.

03

Run safely & inspect

Use approved laser safeguards and extraction; check the first mark before the batch.

MODEL TIP

Use the intended viewing arrangement; do not open the guard to watch marking.

USEFUL DETAILS FOR YOUR NEXT CHECK

Part-loading sequence

| MAINTENANCE TIPS

Keep the essentials ready.

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01

Inspect the enclosure

Check doors, viewing panels and interlock condition as specified in the manual.

02

Protect the optics

With energy isolated, inspect accessible optics as instructed and use approved cleaning materials.

03

Check airflow

Keep ventilation clear and service extraction filters according to their instructions.

MODEL TIP

Replace damaged protective components with approved parts through qualified service.

USEFUL DETAILS FOR YOUR NEXT CHECK

Door or viewing-panel condition

TROUBLESHOOTING

Find the cause first.

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01

Door-related start fault

Check normal door closure and the displayed status; never defeat the interlock.

02

Weak or patchy mark

Check focus, accessible optics and the recipe for the actual material.

03

Alarm or no marking

Record the fault and check normal ready status. Never bypass safety controls.

MODEL TIP

Record the exact alarm and door status so service can distinguish a setup issue from a faulty component.

USEFUL DETAILS FOR YOUR NEXT CHECK

Alarm message + door status

| APPLICATION TIPS

Get more from the setup.

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01

Trial real loading

Include opening, loading, closing and unloading when comparing workstation output.

02

Time the complete cycle

Include loading, positioning, marking and checking, not just laser time.

03

Keep a reference sample

Compare results after a material, fixture, lens or recipe change.

MODEL TIP

Check that any proposed fixture fits through the door and permits safe part removal.

USEFUL DETAILS FOR YOUR NEXT CHECK

Batch size + loading time