

| SELECTION GUIDE

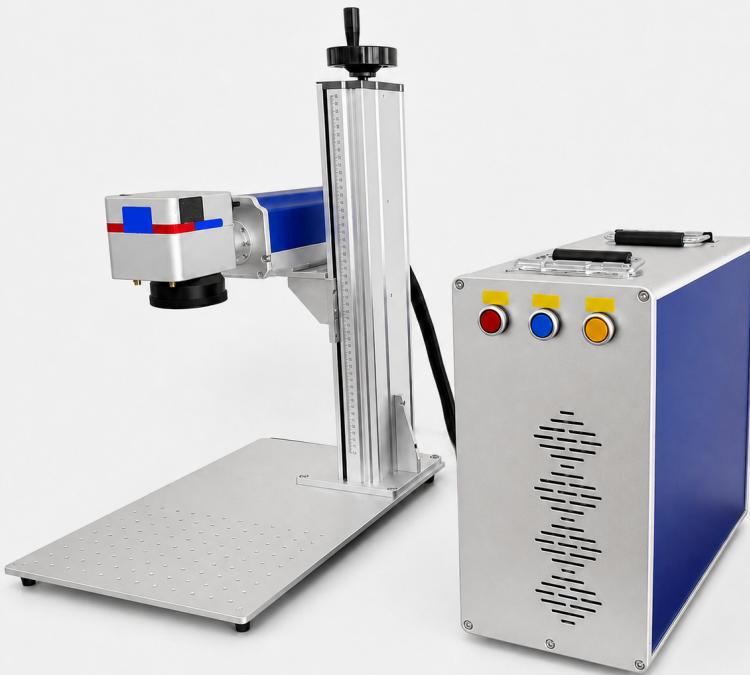
Choose for the job.

Split desktop marker

Fyxfer

FY-LMM03

Split Laser Marker



01

Use a flexible bench layout

A separate marking stand and control unit need coordinated space and cable routing.

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

Select the source and lens from a sample test; the split format primarily changes workstation layout.

USEFUL DETAILS FOR YOUR NEXT CHECK

Material + bench layout + part size

| INSTALLATION CHECK

Prepare before arrival.

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**01****Protect the connections**

Place both units securely; route cables without strain, tight bends or pinch points.

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

Keep the controller ventilated and protect cables from foot traffic and workpiece handling.

USEFUL DETAILS FOR YOUR NEXT CHECK

Controller and marking-stand positions

| OPERATION GUIDE

Make each run repeatable.

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**01****Check the stand position**

Secure the fixture, verify height and confirm the head-to-part relationship.

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

Recheck focus and placement whenever the marking stand or fixture is moved.

USEFUL DETAILS FOR YOUR NEXT CHECK

Fixture + first-piece photo

| MAINTENANCE TIPS

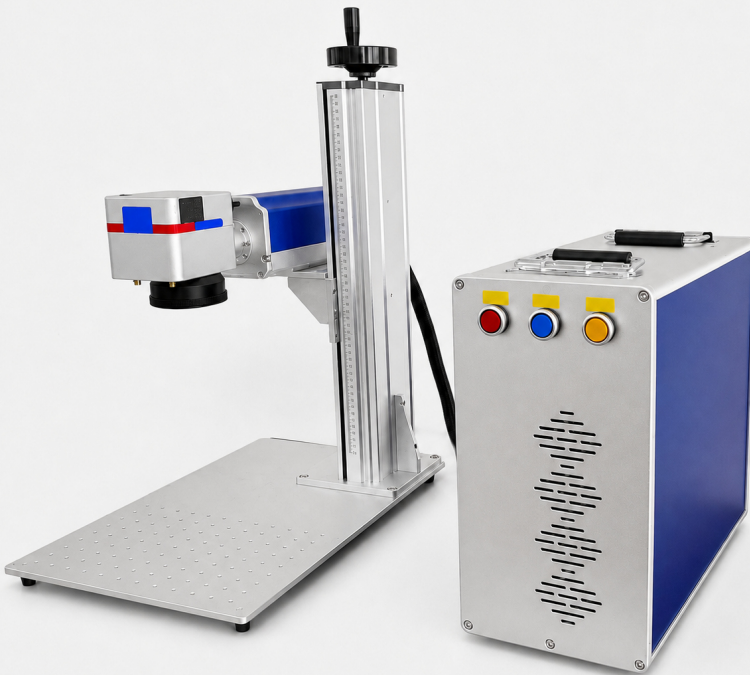
Keep the essentials ready.

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01

Inspect external cabling

Check connector condition and cable routing; follow the manual before disconnection.

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

Never pull a cable to move the head or cabinet; use the intended handling points.

USEFUL DETAILS FOR YOUR NEXT CHECK

Cable routing photo

TROUBLESHOOTING

Find the cause first.

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**01****Fault after moving the unit**

Check accessible connections and stand positioning after safe shutdown.

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

Restore the last known good layout before making several recipe changes at once.

USEFUL DETAILS FOR YOUR NEXT CHECK

Alarm + recent layout changes

| APPLICATION TIPS

Get more from the setup.

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**01****Assess a rotary fixture**

For cylindrical parts, verify holding range, axis alignment and software support.

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

A rotary fixture is configuration-dependent; confirm the axis and workpiece clearance before ordering.

USEFUL DETAILS FOR YOUR NEXT CHECK

Part diameter + length + mark location