



AT-Closed Vial® laser etching

AT-Etcher

Precision laser marking for AT-Closed Vial®

The AT-Etcher enables secure, permanent laser etching of critical information directly onto vials — even under frozen conditions. It allows the addition of new information just before shipping, extend expiry dates through stability studies, and mark essential data such as batch number, product name, patient details, and expiry date.

AT-Etcher – Precision laser marking for AT-Closed Vial®

Process

The AT-Etcher allows for information to be added to the AT-Closed Vial® before and after freezing.

- Install the rotative axis base adapted to the size of AT-Closed Vial® to mark
- Manually place the AT Closed Vial ® on its rotative axis
- Select the recipe on the screen and input the information to engrave
- Let the AT Etcher accurately laser engrave the epigraph on the collar of the vial

Once the etching is complete, the AT-Closed Vial® is manually removed from the equipment.

Traceability & Compliance

- Ensure traceability with additional information
- Add critical information for full compliance

Etching on frozen vials

- Etching before or after freezing
- Ultra-fast etching

Adaptable

- Compatible with all AT-Closed Vial® sizes (1-50 mL)
- Interchangeable rotative axis base

Versatility

- Different types of marking available: text objects, barcodes, datamatrix, vectorized files (dxf), image files (bmp)

Specifications

Application	Marking of AT-Closed Vial® at any stage of the process
Vial volume	All AT-Closed Vial® sizes, from 1 mL to 50 mL
Cycle time	< 20 sec (1-50 mL vials)
Electrical supply	230V/110V (to be selected at order), AC earthed, 50/60 Hz, internal protection 16A
Dimensions	309x460x700 mm (12.16x18.11x27.55")
Weight	50 kg (110.23 lbs)
Environment	Adapted to cleanroom and GMP-compliant environments
Warranty	12 months, starting from FAT date
Documentation	English manuals + LOD, engineering, validation, certificates, shipping list
Packaging	Air- and road-ready cardboard boxes
Validation	FAT per AT standards, CE certificate
Training	Onsite training included

