

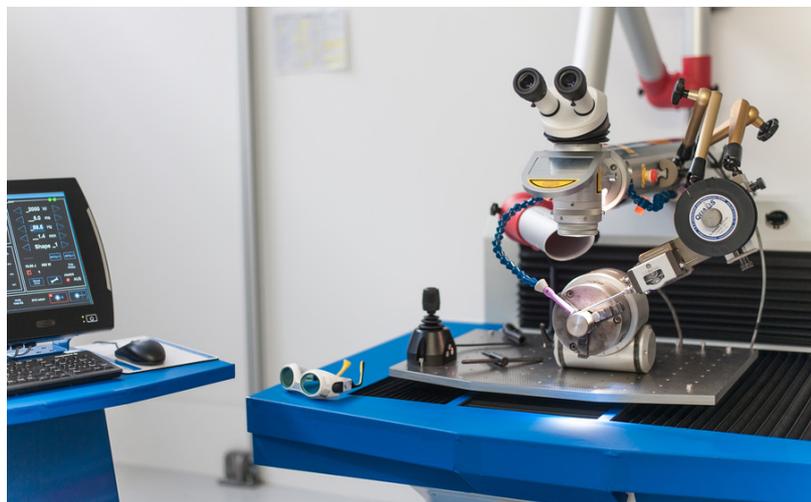
LAfet[®]-SM

Programmable laser wire feed system



BRIEF INFO

- Optimized roller geometry
- Pressure roller fine tuning for defined wire surface groove profile
- Reduced size



Technical data:

- Drive: Stepper motor
- Wire \varnothing : 0.3 to 0.6 mm
- Normal feed: 0.1 – 150 mm/s
- Weight: approx. 3.55 kg (without spool)
- Wire materials: low- and high-alloy steels, suitable aluminum alloys, bronzes, noble metal alloys
- Controls: LAfet[®]-SM programmable laser control
- Option: NV handheld remote control
- Power connection: 110–230 V / 50-60 Hz at 24 VDC

LAfet[®]-SM wire feed system

LAfet[®]-SM feeds laser welding wires 0.3 mm to 0.6 mm in diameter automatically and with high precision. Its control logic allows precise adjustment to the laser welding process.

LAfet[®]-SM is fastened to the laser head by the aluminum rail guide or an individual mount, with one or two clamping arms.

Variable speeds allow precisely timed wire movements at the beginning, during and at the end of each weld.

Process safety and ultimate reproducibility in laser welding with optimized welding time are extraordinary features that make LAfet[®]-SM the device to use.

