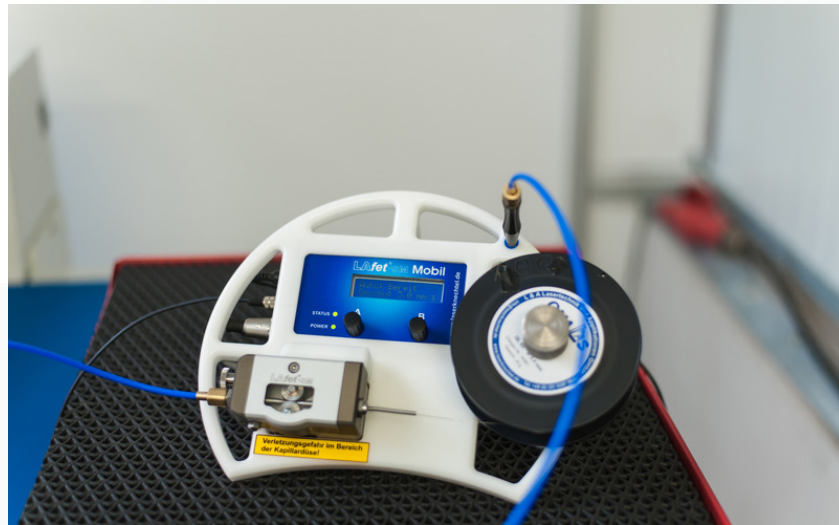


LAfet[®]-SM Mobil

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 material: low- and high-alloy, steel alloys, suitable aluminum alloys, bronzes, noble metal alloys
- Capillary hose: \varnothing_i 0.8 mm x 1,100 mm long
- Controls: LAfet[®]-SM Mobil control box
- Power connection: 110–240 V / 50–60 Hz at 12 V DC
- Weight: approx. 2.9 kg (without spool)



LAfet[®]-SM mobiles feed system

The handle is used to continuously feed the laser welding wire to the melt with high precision, under direct observation of the laser welder.

The start and end of the wire feed are brought about by contact or isolation of the laser wire tip with the weld component.

The wire feed speed can be changed during the welding task.

Positioning of the end of the wire on the capillary nozzle is motor driven with the appropriate control box function.

After insertion of a new laser wire spool, the free end of the wire is manually introduced through the drive unit to then be motor-transported through the duplex capillary hose and handle through the nozzle tip.

