

Mobil-Mark Nova-f laser marking system

The laser for the ceramics industry

Application

- Specially developed for marking of spray paints in the sanitary ceramics industry
- Laser marking software can be operated directly via screen, keyboard, touch screen or remote desktop function
- CW fibre laser that can be used without additional protective measures thanks to patented laser protection class 1 safety technology
- Can be used as mobile, integrated or automated solution
- Can be combined with various accessories

Features

- Power output: 20 watts CW
- Laser diode lifetime: 100,000 hours
- Wavelength: 1064 nm
- Laser focus diameter: approx. 40 μm (lens $f = 80 \text{ mm}$)
- Marking speed: maximum 5000 mm/s
- Marking fields: elliptical / rectangular, up to 120 x 100 mm / 100 x 80 mm ($f = 160 \text{ mm}$)
- Power consumption: 250 / 100 W (marking / standby)

Technical data: complete unit

- Ambient temperature: 15 °C to 35 °C
- Humidity: 10% to 80%, non-condensing
- Protection: IP 40
- Laser class: 1 (when used as intended)
- Rated voltage: 230 V AC 50/60 Hz, 250 W

Technical data: handset

- Weight: 2.7 kg
- Footprint: approx. 320 mm x 160 mm
- Height: from approx. 170 mm

Technical data: connecting hose

- Length: 2.7 m
- External diameter: 50 mm
- Minimum bending radius: 250 mm



Technical data: supply unit

- Power supply: mains operation 230 V AC 50/60 Hz
- Control computer: Industrial PC, Win 10 Pro with marking software
- Programme memory: for an unlimited number of jobfiles, including 15 directly via job selector switch on the unit
- Safety PLC: for monitoring the safety technology
- Connections: 1x USB, 1x HDMI, LAN network connection (e.g. for remote desktop), external control and safety technology
- Footprint: 520 mm x 430 mm
- Height: 950 mm
- Weight: 40 kg
- Noise level: 65 dB