

# Operation manual

**PinMark**



## UMC 112



**ÖSTLING**  
Markiersysteme GmbH

Broßhauser Str. 27  
42697 Solingen - Deutschland

Tel.: +49 (0) 212 - 26 96 0  
Fax.: +49 (0) 212 - 26 96 199

[www.ostling.com](http://www.ostling.com)



DIN EN ISO 9001:2000  
Zertifikat: 01 100 060010

Edition: 05/2006











































## 2.1 Complying with interference suppression as per CE

The marking system UMC 112, coining or engraving unit, is designed and built according to the regulations of the electromagnetic compatibility guideline. To ensure interference suppression the following points must be considered:

- Use shielded control cables to connect all external components (e. g. marking head, foot switch, signal inputs and outputs) to the connection BU2 (DB37) at the control UMC 112. At the back of the control the shielding of all the cables must be connected at the controller end to the grounding screw (9, Fig. 10563, page 2-2) via a cable that must be kept as short as possible.
- The grounding screw of the control UMC 112 must be connected to the system ground (at the power supply feed) via a separate grounding cable. When integrating the control into a more sophisticated production line the grounding screw must be connected with the central ground supply point of the line via a separate grounding cable. The cross-section of the cable should be at least 2.5 mm<sup>2</sup>.
- Length connection cable control - marking head max. 5 m.
- Cable foot switch two-core with shielding, a two-pole jack plug made of plastic must be used.
- Length cable foot switch max. 3 m.
- Lay the connection cable control - marking head and the cable foot switch separately from any possible sources of interference (see also paragraph 2).
- The following should be noted when connecting external components to the control UMC box:
  - The components used (e. g. monitor, printer) must likewise comply with the CE standards for industrial use.
  - Length connection cable control - external component max. 2 m. Shielded cables and plugs with metal housings must be used.
  - If connections to or from the serial port (RS232) cause functional errors, change over from this type of connection to one that is not subject to interference (e. g. RS485, fibre optic connection, galvanic separation through an opto-electronic coupler).

















































































































































































































































# EC conformity declaration



## in terms of EC directives

- Machines 98/37/EG
- Electromagnetic compatibility 89/336/EWG
- Low voltage 73/23/EWG

Hereby we declare that the below designated machine corresponds to the fundamental safety and health requirements of the mentioned EC directives machines in its conceiving and design as well as in the execution brought in circulation by us. In the case of a change of the machine not co-ordinated with us this declaration loses its validity.

### Plant/Machine

Make: PinMark needle marking system  
Type: 3/5 - 4/6 - 5/9 - 8/14 - 15/20 - 15/30  
Machine nr:  
Year: as of 2006

### Manufacturer

ÖSTLING Markiersysteme GmbH  
Broßhauser Str. 27  
42697 Solingen  
Deutschland

The following harmonized standards were us:

- DIN EN 60204-1
- DIN EN 50081-1
- DIN EN 50082-1
- DIN EN 60947
- DIN EN 60439
- DIN EN ISO 12100-1
- DIN EN ISO 12100-2
- DIN EN 62061
- DIN EN 61508
- DIN EN 983

Following national standards, guidelines and specifications were used:

- VDE 0100
- VDE 0105 part 1 + 2
- VDE 0113 part 2 + 3

A technical documentation is completely present.  
The manual belonging to the plant/machine is present.

- in original version and  
 in the national language of the user: english

Solingen, 12.04.2006  
Ort Datum

Rolf Östling, Geschäftsführer  
Unterzeichner und Angaben zum Unterzeichner

Handwritten signature of Rolf Östling.  
Unterschrift







# Request for service

of company



Östling Markiersysteme GmbH  
Broßhauser Straße 27  
42697 Solingen  
Tel: 0212 / 2696 - 0  
Fax: 0212 / 2696 - 199

Billing address:

Location of machine (if different to above):

Gewährleistung   
Kulanz   
Rechnung   
interne AB: \_\_\_\_\_  
Termin: \_\_\_\_\_  
Monteur: \_\_\_\_\_  
Erledigt: \_\_\_\_\_  
(is completed by ÖSTLING !)

Contact: \_\_\_\_\_ Department: \_\_\_\_\_ Date: \_\_\_\_\_

Phone no.: \_\_\_\_\_ Fax no.: \_\_\_\_\_ Order no.: \_\_\_\_\_

Request for

Installation  Maintenance  Repair  Training  \_\_\_\_\_

of

Machine:

Laser  Type: \_\_\_\_\_  
Pinmarker   
Scraper  Machine no.: \_\_\_\_\_  
Electrolytic   
Pad printer  Controller no.: \_\_\_\_\_  
Ink Mark  Year of manufacture: \_\_\_\_\_

Short description of problem:

---

---

---

---

---

Please enclose the completed and signed maintenance protocols!

Other:

---

Signature and company stamp: \_\_\_\_\_



