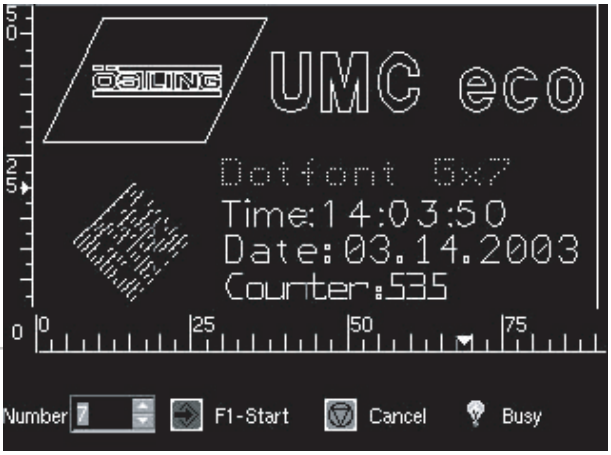
UMC Eco Controller

For direct, durable and flexible part marking of most different materials and designs with arbitrary text, logos and 2D codes.

Technical data control

Computer:	ÖSTLING PC control with 300 MHz clock frequency 128 MB RAM serial interface, USB, Ethernet
Memory:	CompactFlash card with 256 MB (optionally: hard disk) 3.5" disk drive for easy update,data transfer and data backup
Motor drive:	2 axis motor control for bipolar drive of 2 phase stepping motors
Outputs:	8 digital outputs, electrically isolated, 24 V overall current via integrated power supply max. 0.5 A
Inputs:	8 digital inputs, electrically isolated
Display:	monochrome QVGA LC display (320 x 240 pixel)
Keyboard:	compact integrated keypad
Dimensions	(Width x Depth x Height): approx. 310 x 300 x 170 mm (without hand grip, plugs and cables) **or** external standard PC keyboard
Weight:	approx. 8.5 kg



Technical data software

File management:	integrated in control
Data transfer:	disk drive TCP/IP
Interface for control:	RS-232
Mask:	31 text fields with 50 characters each
Character fonts:	Standard character font 'litt.chr' according to DIN 1451, other on request (e. g. OCR A) character fonts on BGI base can be used
Character height:	0.5 - 99.9 mm, arbitrary
Character spacing:	0 - 10 mm, arbitrary
Character width:	width factor arbitrary between 0.1 and 10

Marking area

Positioning:	Move the needle to the marking position and save this position (teach in) or put in the coordinate values. Graphic display of all marking data as preview and visualisation during the marking (WYSIWYG: "what you see is what you get").
Character direction:	horizontal, vertical and at any angle on any arc, clockwise or anti-clockwise
Additional functions:	continuous numbering, automatic date, week, day of the year, month, da, time, shift index query of text (also with bar code reader) e. g. before each marking
Special characters:	import of HPGL plotting files (*.plt), scaling arbitrary 2D code (datamatrix)
Process control:	plain text and graphic display of the active function status signals on digital I/O level

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