Marking unit 313 VVM

Technisches Datenblatt

- Compact and solid marking unit for markings of vehicle identification numbers for example
- Diversity of marking processes: dot marking or vibropeening
- Marking area 120 x 20 mm
- Fixation on the work piece with vacuum exhausting
- Robust ball bearing spindles and carriage with circular ball track in both axes
- Drive is provided by powerful stepping motors
- Control: compact controller EK2-box with membrane keyboard and display, protection class IP 53 integrated in a transport case
- Case with wheels

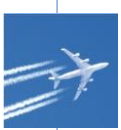
Application area

This easily transportable handheld unit is best suited for limited-lot production like for example the marking of vehicle identification numbers. The 313 VVM is a mobile marking device and is operated manually. Even with bigger font sizes markings of one or more lines are possible. Due to its good ergonomical features and its easy way of operating, the device is eminently suited for usage in workshop, in quality control and in stock management.

The 313 VVM is setting new standards with a weight of only 3.5 kg. Measuring rather small, it still offers a large marking area of 120 x 20 mm. With the help of the integrated membrane keyboard the marking text can be entered as well as the marking jobs can be generated and chosen. The font heights and widths are freely scalable.

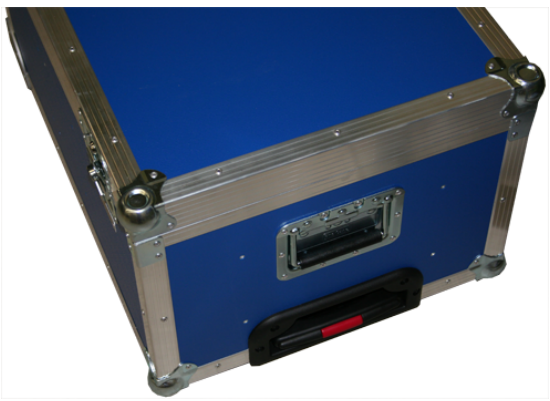
Marking example vehicle identification number in 7:5 dot matrix marking




Options

- Data input via Barcode-scanner



Technical Data

Property	Measure, Unit, Explanation
Dimensions marking unit (W x D X H) without attaching parts	ca. 360 x 166 x 213 mm (dependent on workpiece edition)
Abmessungen Transportkoffer	630 x 460 x 380 mm
Marking area (X/Y)	120 x 20 mm
Writing speed (depending on character size and shape, marking process and motorisation)	up to 6 characters/ second
Character height	from 1 mm (enhancing in 0.1 mm steps)
Documentation	German, English, French more languages are optional
Penetration depth marking top (depending on marking head, marking process and material	ca. 0.01 – bis 0.5 mm (see data sheet marking heads)
Noise level	ca. 85 dB(A) (depending on the marking material and workpiece)
Dot matrix character shape	7:5 dots in height/width
Alternative character shape	9:7 or OCRA optional
Vibropeening	optional
Standard character shape	A-Z, a-z, 0-9
Special characters, logos	optional according to original

Power supply	
Power supply with connecting cable	230 V AC ± 10 %, 50/60 Hz or 115 V AC ± 10 %, 50/60 Hz switchable
Pneumatic connection (supply pressure) technically provided compressed air	At least 5 bar dried, oil-free, filtered with 50 µm
Working pressure (marking pressure)	at least 2 bar up to max. 4 bar





Technical details are subject to change.