



Built-in unit 322

Technical data sheet

- Built-in unit for marking technologies: scribe, stylus, dot marking and DataMatrix coding (ECC200)
- Marking areas 100 x 100 mm, 100 x 50 mm, 40 x 50 mm, 150 x 100 mm, 150 x 150 mm, 250 x 150 mm (X/Y) other sizes possible
- Dimensionally stable base body made out of aluminium cast
- Ball bearing spindles and carriage with circular ball track in both marking axes
- Compact, low-maintenance design
- Drive with powerful stepping motors
- Large selection of marking heads and marking tools



Application area

The built-in unit 322 is a highly robust device for 3-shift operation. All components of this coordinate unit have been developed for regular use and are continuously tested to ensure a constant quality. Together with a marking head and a controller this marker is integrated as a built-in unit in our special systems or by system producers for direct workpiece marking, e.g. in transfer lines, production machines or gauging and testing stations. The marking head is directly mounted underneath the coordinate unit.



Options



- On the site of the marking head the marking mechanics are covered with bellow for dust cover or plate covering (plate covering is only possible for 100 x 50 mm / 100 x 100 mm)
- Huge diversity of marking areas
- Electric adjustment unit (150 mm stroke)
- Pneumatic adjustment unit (50 mm and 100 mm stroke)
- Surface detection for dot marking / DataMatrix marking heads (only in conjunction with electric adjustment unit)



322 with bellow





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Technical data

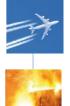
Measure, Unit, Explanation
325.5 x 255 x 173 mm (without marking head)
325.5 x 205 x 173 mm (without marking head)
266.5 x 205 x 173 mm (without marking head)
393.5 x 255 x 163 mm (without marking head)
394 x 330 x 163 mm (without marking head)
474 x 325 x 163 mm (without marking head)
approx. 14 kg
up to 10 characters / second (see marking times spreadsheet)
up to 0.5 m / second
from 0.5 mm (enhancing in 0.1 mm steps)
German or English
other languages are optional
approx. 0.01 – 0.5 mm (see data sheet marking heads)
max. 75 dB(A) (depending on workpiece)
on-site mounting optional on separate aluminium plate
Festo
stepping motors
on request
on request
230 V AC ± 10 %, 50/60 Hz or 115 V AC ± 10 %, 50/60 Hz switchable
Min. 5 bar (min. 75 psi) dried, oil-free, filtered with 50 µm







Technical details are subject to change.



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