

NeedleMark Marking Systems

For inline and fixtured marking applications.

Marking Heads

Our dot peen integrator marking systems are fast, accurate, and reliable. They provide high quality marking of characters and graphics onto a wide variety of surfaces. The Integrator Series consist of four marking head sizes with a wide range of pin systems allowing easy integration into any workcell.

Features

Fast mark speed for increased throughput
High quality rugged machine construction
Heavy duty rails and pillow block bearings
Application specific pin designs
Custom boots available for harsh marking environments
High speed accurate stepping motors
Head positioning in any orientation
Low maintenance
High flex cable connections available

3/5 E



4/6 E



5/10 E



8/14 E



Control Units

The integrator series of marking systems utilize the latest design capabilities found on the market today. Our UMC eco is a compact two axis marking controller incorporating Ethernet, Serial and USB in one product. The UMC 112 can control up to four axis with simultaneous operation of up to two marking heads printing discrete information.

Features

Ethernet Ready
Extended I/O Capabilities
Up To Four Axis Control
Onscreen Diagnostic Functions
Remote Control Capabilities
24V Digital I/O

UMC112




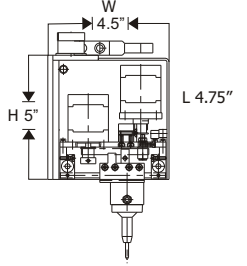

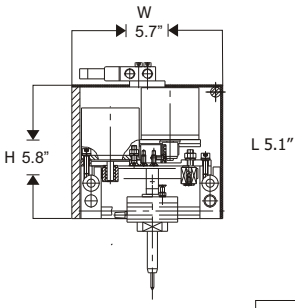

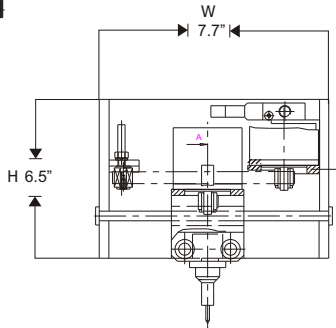

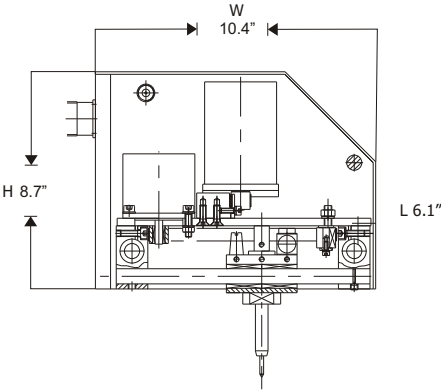
- Four-axis marking controller
- Extended I/O for advanced integration projects
- Advanced library of automatic data fields
- Sequential numbering, date and time coding
- Data transfer via Serial/Ethernet/USB
- File selection and text download via RS-232 and/or Ethernet
- Remote control of unit via P.L.C.

UMC eco



- Two-axis marking controller
- Advanced library of automatic data fields
- Sequential numbering, date, and time coding
- Data transfer via USB and Ethernet
- File selection and text download via RS-232 and/or Ethernet
- Remote control of unit via P.L.C.

Marking Head Specifications

<p>3/5 E</p> <p>Weight: 4.0 lbs</p> <p>Marking Area: 1.2 X 2.0 in</p>		
<p>4/6 E</p> <p>Weight: 8.3 lbs</p> <p>Marking Area: 1.5 X 2.3 in</p>		
<p>5/10 E</p> <p>Weight: 10.0 lbs</p> <p>Marking Area: 2.0 X 3.5 in</p>		
<p>8/14 E</p> <p>Weight: 19.0 lbs</p> <p>Marking Area: 3.0 X 5.5 in</p>		

Needle Specifications

<p>WEI</p>		<p>Deep Engraving</p> <p>Frequency 105Mz Air Pressure 4-6 bar</p> <p>Compatible With Marking Heads 5/9 E & 8/14 E</p>	<p>WEIV</p>		<p>Deep Engraving</p> <p>Frequency 150Mz Air Pressure 3-6 bar</p> <p>Compatible With Marking Heads 3/5 E</p>
<p>WEII</p>		<p>Standard Needle</p> <p>Frequency 200Mz Air Pressure 3-6 bar</p> <p>Compatible With Marking Heads 4/6 E & 5/9 E</p>	<p>WP3</p>		<p>All Purpose Marking</p> <p>Frequency 20-150Mz Air Pressure 3-6 bar</p> <p>Compatible With Marking Head 3/5 E with special solenoid valve</p>

Accessories

- Boot Covers
- Application Specific Pin Designs
- Automatic Height Adjustment
- Custom Software
- Extended Cable Lengths



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where
marking
 meets
automation