

## Technical Specification:

<b>Dimensions</b>	<b>Macrojet 2</b>							<b>CaseCoder</b>
<b>Control Unit</b>								
<b>Height:</b>	281 mm							130mm
<b>Width:</b>	393 mm							262 mm
<b>Depth:</b>	440 mm							365 mm
<b>Weight:</b>	25 kg							10 kg
<b>Construction:</b>	Epoxy finished structural foam with RF screen							
<b>Macrojet Print Head</b>	<b>Type A</b>	<b>Type B</b>						
<b>Height:</b>	85 mm (7 drop)	111 mm (16 drop)						
<b>Depth:</b>	223 mm	269 mm						
<b>Width:</b>	70 mm	70 mm						
<b>Weight:</b>	1.8 kg	2.5 kg						
<b>Conduit Length:</b>	4 m standard, 8 m option	4 m standard, 8 m option						
<b>Character Height</b>	<b>Type A</b>	<b>Type B</b>						<b>Single line</b>
	8 mm (5x5 matrix)	32 mm (16x10 matrix)						8 mm (5x5 matrix)
	12 mm (7x5 matrix)	50 mm (16x10 matrix)						12 mm (7x5 matrix)
	16 mm (7x5 matrix)							
	20 mm (7x5 matrix)							
								<b>Twin line</b>
								8 mm (5x5 matrix)
								12 mm (7x5 matrix)
								32 mm (16x10 matrix)
<b>Throw Distance:</b>	Maximum of 15 mm dependent upon product speed							
<b>Macrojet Print Heads</b>	Up to four print heads can be combined up to a total of 32 nozzles. Each character height requires a dedicated print head.							
<b>Character Control</b>	Adjustable drop size. Invert, reverse and bold characters. Adjustable character width. Print Delay. Product counter. Real time clock (time and date). Serial Numbering up to 8 digits. Multi-language characters, customer logos and symbols. Auto message repeat.							
<b>Ink System</b>	Disposable ink supply 5 litre container. Fast clean ink changes. No down time for ink top up. Ink available for coding on porous and non-porous surfaces. Integral pump; no requirement for factory air. Minimal waste is generated with this system, as it uses a depleting bag in box ink supply. This allows safe and non-contact changing of new ink supplies							
<b>Ink options:</b>								
<b>Solvent Base</b>	<b>Properties</b>	<b>Surfaces</b>	<b>Black</b>	<b>Blue</b>	<b>Red</b>	<b>Green</b>	<b>Yellow</b>	<b>Clear</b>
<b>Methyl Ethyl Ketone</b>	Fast drying, excellent adhesion and end user properties on most surfaces	A wide range of plastics including shrink-wrap, metals, concrete, timber, paper and board products.	✓	✓	✓	✓	✓	✓
<b>Alcohol</b>	Moderate drying times, excellent end user properties	Metals, some plastics, timber, paper and board products	✓	✓	✓			
<b>Water</b>	Moderate drying times on porous surfaces, excellent end user properties	Many absorbant surfaces including paper and board products	✓	✓		✓		
<b>Data Input</b>	Pocket terminal. Interface: RS232. Domino software. Data retention during power off							
<b>Standard Connections</b>								
<b>Product Detector:</b>	5 Pin AXR 12V, 100mA for photocell or proximity sensor							
<b>Shaft Encoder Input:</b>	Suitable for open collector or TTL encoders 5 Pin AXR							
<b>External Alarm:</b>	One output via N/O relay contacts 2.5A at 60V max non-inductive							
<b>Environment</b>								
<b>Temperature Range:</b>	5 to 45°C operating							
<b>Humidity:</b>	10-90%RH							
<b>Electrical Requirements:</b>	78VA maximum, 50-60Hz, 6 position voltage selector (non-condensing) 110-260V							