

AMTEC

Applied Manufacturing Technologies, Inc.

High Resolution Ink Jet Printing



Excellent Quality, Reliability and the Industry's Smallest Micro-Sized Codes

When you need printing of the highest quality or the smallest size on your products or packaging, AMTEC's EXCEL HR gives the results you want. It codes products and packages where space is at a premium and print contrast and clarity are critical. Manufacturers of electronics, pharmaceuticals, cosmetics, speciality products and others can now get high resolution ink jet printing on the production- or packaging-line.

- Micro-Size Print with Great Legibility
- The Reliability You Demand
- Industrial Durability
- Minimal Maintenance - Low Operating Costs
- Easy-to-Read, Easy-to-Use
- Less Hazardous Waste - More Running Time



Specifications

Line Speed Capability	Single line of print: 5x7 matrix: up to 170 ft./min; 7x9 matrix: up to 99 ft./min; 10x16 matrix: up to 53 ft./min; 16x24 matrix: up to 25 ft./min
Font Matrix	5x7; 5x7 twin-line; 5x7 tri-line; 7x9; 10x16; 16x24; 16x24 twin-line; bar codes.
Character Height	Selectable from less than 1/32" (0.6 mm) to almost 1/4" (5.6 mm)
Custom Characters	Keyboard programmable characters
Data Interface	128-character ASCII code; RS 232 at baud rates selectable up to 19.2 kbps
Print Head	Compact, stainless-steel 1.5" (38 mm) diameter printhead, omni-directional capability.
Print Head Cable	Vinyl-covered armored conduit twelve feet (3.7 m) in length.
Electrical Requirements	Nominal 110 or 240 VAC at 50/60 Hz; 75 watts
Ink	Wide range of formulations and colors
Ink Consumption	Up to 270 million characters per quart of ink, depending on ink, stroke setting and adjustments.

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