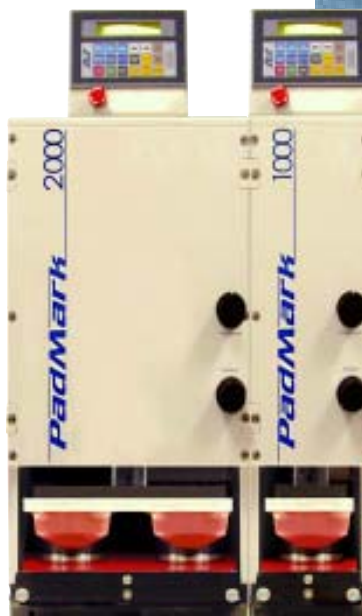# PadMark 2000
Modular Pad Printer

The PadMark 2000 offers the latest in pad printing technology with a modular design that accommodates your changing production needs. This high speed printer can be used in stand-alone configurations or it can be integrated into automated systems. PadMark 1000 and 2000 modules allow easy docking of two or more printers for multi-color printing configurations, simultaneous marking of multiple parts, or multiple markings on each part. Additional special features or options include the following:

- **Sealed ink cup with replaceable steel ring** – minimizes evaporation of solvents and helps prevent ink contamination.

- **Soft-touch electronic control pad** – parameters are entered in inches making initial setup quick and straightforward. Up to 10 printing applications can be stored for easy recall and setup of recurring jobs.

- **PLC controlled** – easy communication with auxiliary equipment and ideal for integration in automated systems.

- **Self-sensing power supply** – Runs on 110-240 VAC; 50/60Hz with no need for transformers or jumpers.

- **Optional pad cleaning** – programmable pad cleaning without interruption of printing production. The pad cleaning module uses standard packin+g tape and is easily retrofitted to units in the field.

- **Optional VC-1 viscosity controller** – monitors ink viscosity and automatically adds solvent as required to maintain the proper predetermined viscosity level.

- **Full one year warranty**

Every PadMark 2000 is made in the USA.
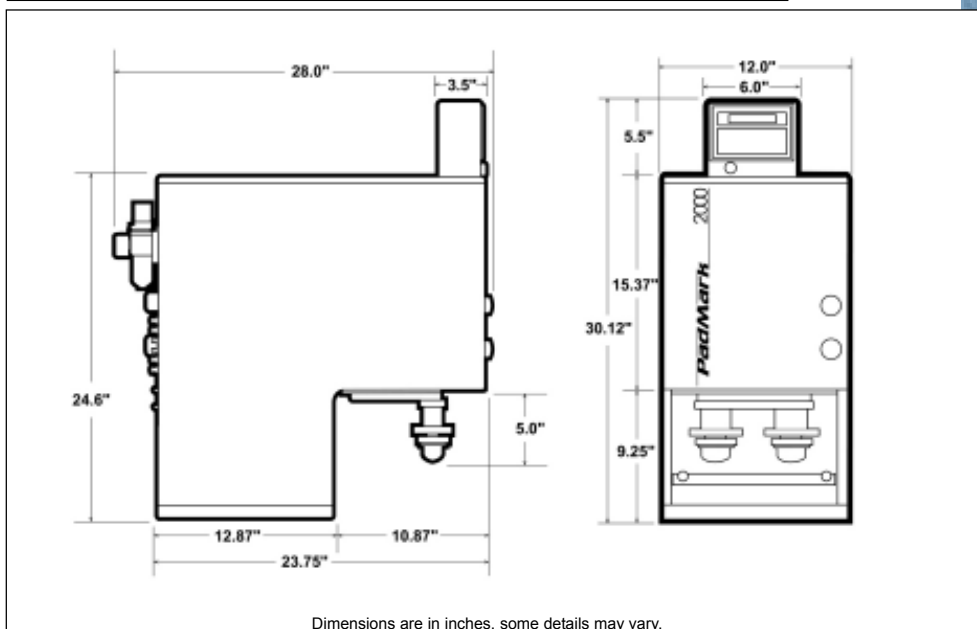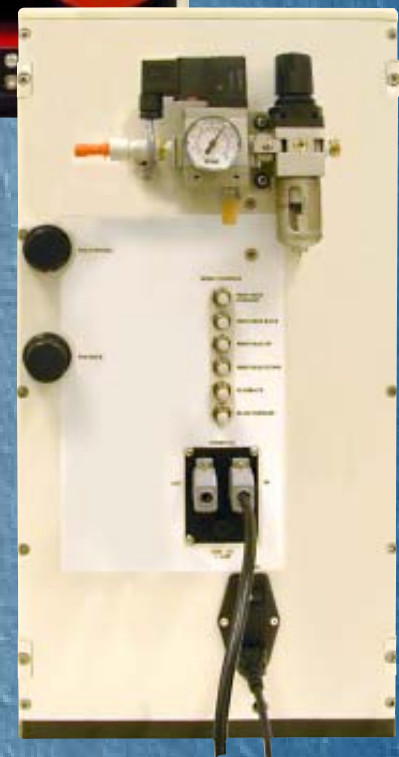
Automated Industrial Systems, Inc.

**4238 W. 12th Street
Erie, PA 16505**

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PadMark 2000

Technical Data

Cliché size	100mm x 220mm OR 254mm x 229mm
Inking system	2-∅ 100mm sealed ink cups w/∅ 85mm max. image size OR one (1)250mm oval ink cup
Printing capacity	1800 prints/hr. theoretical
Drive	pneumatic
Compressed air connection	85-90 psi (5.7-6.2 bar) working pressure
Printing force	max. 420 lbf @ 87 psi (118daN @ 6 bar)
Air consumption	approx. 2.0 cfm max.
Electrical connection	110V-240V AC, 50/60 Hz
Controls	— Soft-touch control pad — Stores up to 10 set-ups for easy recall
Printer interface	— 4 inputs and 4 outputs for communications with overriding systems and integration into production lines. — 4 inputs and 4 outputs dedicated for communication to other Padmark printers.
Pad vertical stroke	max. 6.3" (160mm), incrementally adjustable by .05" (1.2mm) by key, with digital indication.
Pad horizontal stroke	max. 8.0" (203mm), with mechanical forward and reverse pad stroke adjustment.
Speed adjustments	infinitely adjustable via individual flow controls.
Dimensions	— width 12.0" (305.1mm) — height 24.6" (624.8mm) — depth 23.7" (601.9mm)
Weight	190 lbs. (86kg)

Dimensions are in inches, some details may vary.

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