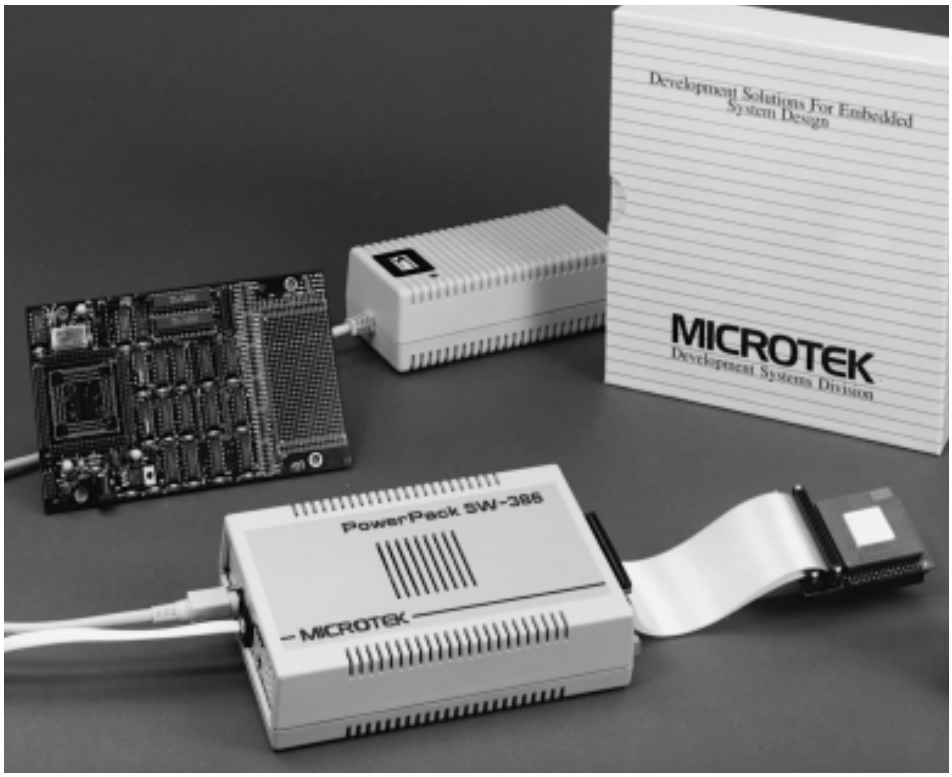
# PowerPack* SW-386 In-Circuit Emulator

- 25 MHz, Zero Wait State Operation
- Automatic 2.7V to 5.5V Configuration
- Microsoft Windows* SLD Source-Level Debugger
- Uses Intel Bondout Technology
- Optional 128K Frame By 64-Bit Trace
- Traces Address and Data
- Optional 1 Mbyte, Zero Wait State Overlay
- Optional Self-Test Prototyping Board




Microtek's PowerPack* SW-386EX in-circuit emulator helps software engineers to exploit the advantages of the Intel386™ architecture. By connecting directly to the target system, you can control program execution and debug hardware interrupts, datacomm and full-speed peripherals. Intel's bondout technology makes it possible to display executed instructions, not instruction pre-fetches.

Point and click to browse any module or function with the intuitive SLD Windows 3.1 interface. Double-click on a variable to add it to the variable watch window. See executable code as mixed source and assembly in the split-view source window. View and edit all internal registers in the peripheral window.

You can set breakpoints on individual statements with 128 software breakpoints. Eight debug registers let you set four breakpoints in the user address space, plus four others in the SMM address space.

Trace data and addresses in the optional 128K frame trace buffer. Collect 64 bits for each frame on processor bus cycles. Relate each trace frame back to the source code with the linked cursor. Start, stop and display trace without stopping program execution. See executed instructions aligned with data and source code.

You can also add one megabyte of zero wait state overlay memory to the base module. Map up to 16 independent blocks with 4K resolution over the entire address range.

The whole PowerPack line of 386EX emulators share the same Windows SLD source-level debug interface. You can upgrade functionality without retraining. Or outfit a lab with several low-cost SW-386EX software emulators and one full-blown in-circuit emulator with multiple, clock edge trace buffers and complex event triggers for system integration.

An optional stand-alone self-test board and supporting software provides a comprehensive confidence test for the entire system. The board also includes a small prototyping area.

The long 48" flexible cable and the small 2.2" x 3.3" x 1.1" probe head makes it easy to connect to densely populated target systems.

**HOST SYSTEMS SUPPORTED:**
PC with Microsoft Windows 3.1

**PROCESSORS SUPPORTED:**
Intel386 EX/SX/CX Processors

**AVAILABILITY:**
Now

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IN-CIRCUIT EMULATORS