



This picture differs slightly from the actual product

PRELIMINARY, SUBJECT TO CHANGE  
PS020430-EPP4S-E

## Software

The EPP-4 is supplied with powerful 32-bit Windows software. The menu driven software combines easy usage, speed and full functionality. The EPP-4 software is Windows 9x / ME / 2000 / XP compatible.

Software updates will be provided via the ART Programming Systems WebSite: <http://www.artbv.nl>. The WebSite also provides FAQ lists, links, tools, full EPP-4 device list and information about our products.

## File Formats

Automatic file format detection and conversion from many formats, e.g.:

- Binary
- Motorola HEX
- Intel HEX
- Tektronix HEX

## Standard Accessories

- ART EPP-4 Memory Programmer
- USB cable
- CD Rom (PC software and user manual)
- Installation Manual
- Power adapter

## Supported Devices

8-bit EProm, EEPROM and Flash devices within the following ranges:

EProm: 27xxx, 27Cxxx, 27LVxxx

EEPROM: 28Cxxx

Flash: 29Cxxx, 29LCxxx,  
29EExxx, 29LExxx, 29VExxx,  
29Fxxx, 29LFxxx, 29VFxxx  
39SFxxx, 39VFxxx  
49Fxxx, 49BVxxx, 49LVxxx

## Optional socket adapters

A wide range of socket adapters is available to support almost all available footprints, e.g.:

- PLCC
- SOP
- TSOP

## EPP-4 Memory Programmer

### Introduction

Combining EProm, EEPROM and FLASH memory device programming, verification and testing, the ART EPP-4 universal programmer supports a wide variety of devices by its 32-pin ZIF sockets.

The EPP-4 is equipped with the most advanced technology. It uses the USB interface for PC communication and supports low voltage devices. The ART EPP-4 is able to program a 16Mb Flash device in just 30 seconds.

The ART EPP-4 can be powered by either the included adapter or two 9V PP3 batteries. The EPP-4 has its own 2 line by 16 character LCD screen and 5 function keys user interface. Together with the second ZIF socket, this enables the option to copy many memory devices without PC connection. The EPP-4 can also be operated by means of a PC via an USB connection for full functionality.

Because the wide variety of options and functions the ART EPP-4 is very suitable for the development and servicing or the hobby environment.

### Device Operation

- Read, Program, Verify, Blank check, Erase, Secure, Memory Edit
- EPROM auto ID, device insertion check
- File loading and saving with automatic format detection
- Odd / Even address split
- Very user friendly user-interface
- Project functionality to save device type, file and used procedures
- Adjustable IC parameters: voltage, algorithm and pulse width

### Features

- Two types of operation:
  1. PC operated
  2. Stand alone
- USB 1.1 communication interface
- Portable unit: compact and light
- CE compliant

### Specifications

Dimensions: 160 × 110 × 45 mm

Weight: 0.5 kg

Temperature: +5°C to +45°C

Power adapter: 12V - 500mA

Humidity: till 90% non cond.

Minimal system specification:

Pentium 2, 32MB RAM, 30MB free disk space

